

MONMOUTH COLLEGE CATALOG



1963-1965

FOR FURTHER INFORMATION

This catalog is designed to provide information about Monmouth College and its curriculum. If further information is needed, inquiries may be addressed to the appropriate office at Monmouth College, Monmouth, Illinois, as follows:

Admissions Procedures, Financial Aid and
Publications for Prospective
StudentsDirector of Admissions

General Affairs of the College ..Office of the President
Faculty Appointments, Academic Matters
and Public EventsAcademic Dean

Business AffairsBusiness Manager

Transcripts of RecordsRegistrar

Prospective students and their parents are invited to visit the campus whenever they find it convenient.

The following off-campus admissions representatives may also be contacted for additional information:

CHICAGO

Robert H. Riggle
2036 South Fifth Avenue
Maywood, Illinois
Telephone: 344-7794

ST. LOUIS

Donald Ingerson
58 Spring Avenue
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NEW YORK

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2518 Davidson Avenue
Bronx 68, New York

MONMOUTH COLLEGE BULLETIN

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Monmouth College Catalog

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"Monmouth College proposes to provide young men and women with an understanding of the world in which they live, in all of its most general aspects;

"To provide them with an intelligent understanding and comprehension of the basic structure of the world of physical nature, the world of living organisms from the lowest to the highest forms, the world of human society and institutions, the world of ideas including the products of both imagination and conceptual thinking, and the world of values;

"To provide them with a mature grasp of some one field of study, and to assure a moderate degree of skill in the use of the intellect.

"Monmouth affirms that such a course of study is the only sound foundation for an effective life in modern society, both as a necessary preparation for further training in any occupation or profession that involves the exercise of personal responsibility, and for any function in any phase of human life requiring judgment and understanding in addition to mere skill."

Monmouth College, founded in 1853, is a coeducational liberal arts college affiliated with the United Presbyterian Church, U. S. A. The college's four-year course of study under the three-term, three-course curriculum leads to the Bachelor of Arts degree.

October, 1963
Monmouth, Illinois
Published Biennially

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THE ACADEMIC PROGRAM

The Monmouth College faculty adopted a new curriculum for the college effective September, 1962. Under this new educational program, the nine-month academic year is divided into three terms of approximately 11 weeks each.

Normally, students register for three full term courses each term for a total of nine term courses during the academic year. Thirty-six term courses are required for graduation. Freshman and sophomores are required to take physical education each term without credit toward graduation.

A full term course normally meets four times weekly for 50-minute periods, exclusive of laboratory sessions. All courses are regarded as term courses with the exception of fractional courses in studio art, applied music and dramatics.

Students may register for 10 courses during the regular academic year with the approval of their academic adviser. In this case students are permitted to register for a fourth (full) course during one term of the academic year if no fractional courses are taken during that term and if a 3.0 (B) or better grade average has been achieved in the two preceding terms.

Students who achieve a 3.0 (B) or better grade average during the preceding two terms may register for more than 10 courses during an academic year with the permission of the academic dean and their academic adviser. In no case is a student permitted to register for more than four courses during any term or for more than 11 courses, including fractional courses, during the year.

For graduation a student must attain or surpass a grade-point average of 2.0 (C).

To qualify for the degree of Bachelor of Arts a candidate must meet certain specifications in quantity, quality, distribution, field of concentration, independent reading, and in the senior comprehensive examination.

GRADUATION REQUIREMENTS

- I. Credit in a total of 36 term courses.
- II. A grade-point average of 2.0 (C) or better in all courses.
- III. Distribution of 14 term courses in specified divisions and completion of six terms of satisfactory work in physical education.
- IV. A field of concentration consisting of either (1) a departmental major presenting a minimum of seven term courses from the major department and a minimum of five term courses in related fields chosen from those specified by the major department: or (2) a topical major of at least 12 term courses approved by the curriculum committee. All courses in the field of concentration require a grade-point average of 2.5 or better.
- V. A passing grade in the senior comprehensive examination.
- VI. Satisfactory completion of a program of independent reading including a general reading and comprehensive reading program.
- VII. The senior year must be spent in residence at Monmouth College.
(No exceptions to these regulations will be made unless authorized by the faculty.)

DISTRIBUTION REQUIREMENTS

The distribution requirements are intended to help the student attain a broad and comprehensive acquaintance with the basic characteristics of the world in which we live. These requirements are intended to help the student attain familiarity with the tools of the intellect including (1) the experimental methods, (2) the method of empirical generalization, (3) language and (4) the method of formal analysis. Distribution requirements should be fulfilled within the first two years, if possible.

Students may satisfy any of these requirements by passing an examination sufficiently comprehensive to test their knowledge of the work presented in the required course or courses.

The same requirements for graduation will apply to transfer students except that some special arrangements may be made regarding the date at which the requirements of the first two years will be satisfied. These requirements should be completed within a year of the initial date of registration.

No course except a second-year foreign language course shall be used to satisfy both distribution and concentration requirements.

DIVISION I HUMANITIES

Art, Music, or Theater Arts (Speech): One term course (or equivalent)

English: Two term courses

English (literature), History or Philosophy: Two term courses chosen from separate fields

Foreign Language: Two term courses (beyond 101 and 102)

Religion or Bible: One term course

Speech: One term course

DIVISION II SOCIAL SCIENCES

Two term courses in separate fields chosen from the departments of economics, government, psychology or sociology.

DIVISION III NATURAL SCIENCES AND MATHEMATICS

Three term courses chosen from the departments of biology, chemistry, geology, physics, or mathematics, including a sequence of two term courses in a laboratory science.

DIVISION IV PHYSICAL EDUCATION

Freshmen and sophomores are required to complete six terms of satisfactory work in physical education unless excused by the director of the college health service for medical reasons. A proficiency rating for each term course will be given.

Passing a swimming test or receiving credit for a swimming course is a graduation requirement for all students.

FIELD OF CONCENTRATION

A field of concentration shall consist of (1) a departmental major and related courses or (2) a topical major. All courses in the field of concentration shall be of grade-point 2.0 or better and the grade-point average must be 2.5 or better.

DEPARTMENTAL MAJOR

A departmental major shall consist of at least seven term courses chosen from the major department and at least five term courses or related courses chosen from those specified by the major department. The work in the field of concentration during the junior or senior years shall include some form of individualized study. Each student must give positive evidence of his competence in his field of concentration by means of a comprehensive examination.

TOPICAL MAJOR

A topical major shall consist of at least 12 term courses chosen from different departments as a group of studies linked together by a special theme or field of interest. The program for the topical major must be approved by the curriculum committee and shall be under the direction of an adviser appointed by that committee. The work in the field of concentration during the junior and senior years shall include some form of individualized study. Each student must give positive evidence of competence in his field of concentration by means of a comprehensive examination.

SENIOR COMPREHENSIVE EXAMINATION

A comprehensive examination in the field of concentration is required of each candidate for the degree. This examination will be in three parts:

1. The Graduate Record examination, to be taken during the senior year.
2. A written essay examination of four hours, consisting either of one four-hour paper or two two-hour papers on questions which require a comprehensive grasp of the problems of the field and a broad acquaintance with its literature.
3. An oral examination (where not more than three candidates will be examined at one time) by a committee composed of one representative of the candidate's major field, one representative of his related field, and one to be nominated by the candidate from a department outside the field of concentration.

The second and third parts of the examination must be taken during the last two terms of the candidate's residence as a regular student. The examination will be judged as a whole, and will be graded Honor, Pass or Fail. A grade of Pass is required for graduation; a grade of Honor is required for honors at graduation. A candidate who fails the examination may apply for one re-examination, but a second failure will be final.

INDEPENDENT READING

All students are required to pursue a program of independent reading during their period of enrollment at Monmouth College. The reading program

is divided into two parts: part one, entitled general reading, covers the freshman year, part two, entitled comprehensive reading, covers the sophomore, junior and senior years.

General Reading Program

The general reading program envisages a lively acquaintance with and understanding of broadly-selected writings which are of great worth and significance to the educated person and his world.

The general reading program is administered by the general reading program committee of the faculty. This committee ascertains from every faculty-member those books which are worthy of inclusion in the general reading list. The committee determines what writings shall be included in the program. Each year review and revision, if required, shall be made by the faculty committee. The student will be encouraged to begin his reading immediately upon acceptance as a student of the college. Satisfactory performance is required for sophomore standing.

Comprehensive Reading Program

The comprehensive reading program administered by each department includes selected writings related to the student's field of concentration. A broad bibliographical acquaintance with outstanding works in the field plus a first-hand knowledge of selected works in concept and import will be required.

The senior comprehensive examination includes the work of the comprehensive reading program.

The comprehensive reading lists are prepared by the several departments.

SEMINARS AND INDIVIDUAL STUDY

Monmouth College requires some form of individualized study by each student during the junior or senior years. The phenomenon of individual study at Monmouth is manifested in several ways. For some individual study is independent study; for others it is self-directed study; for still others it is study done outside the usual academic setting—work done off the campus. The essential element is the independence of student learning. The focus is upon the individual instead of the group.

Every academic department has a departmental seminar program in the major field for the junior and senior years.

The inclusion of seminars and individualized study introduces greater flexibility into the academic program and reflects the purposes of liberal arts higher education in effective ways.

ACADEMIC REGULATIONS

ATTENDANCE

At Monmouth College, responsibility for class attendance is placed upon the student except as this is limited by the regulations which follow:

1. Courses of study at Monmouth College are planned and organized upon the assumption that the student will be in regular attendance. The student is responsible for all work covered in the course, including lectures, class discussions, assignments of any kind and all examinations. However, students need not make application to have absences excused and need not make any explanation of class absences.
2. Freshmen will be permitted no voluntary absences during the first term. During the second and third term, this will apply only to freshmen who failed to earn a grade-point average of at least 2.0. All unexcused absences for freshmen who are not permitted to have voluntary absences must be explained to the personnel dean concerned no later than 24 hours after the student returns to class.
3. Attendance is required at the last meeting of a class before, and at the first meeting of a class after, a college vacation. Students who have urgent reasons for absences immediately before or after vacations may be excused by the registrar. Students with unexcused class absences on these days will be charged a \$10 fee for each class missed.
4. A student whose record in a course is suffering because of frequent absences may be required by his instructor or the academic dean to give up the privileges of these regulations and, during the remainder of the term, explain all absences. This action may be taken at any time during a term.

CHAPELS AND CONVOCATIONS

Chapels and convocations will be held each Tuesday at 9 a. m. and each Thursday at 10 a. m.

Monthly vesper services will be held the first Sunday of each month.

1. Students will be required to attend a specified number of events each term. These will include chapels, Concert-Lecture Series, convocations, programs, some faculty recitals, one major play each term and Vespers.
2. Chapel programs will be religious in character, while convocations will be cultural.
3. The schedule of events will be announced at the beginning of each term.
4. A two-hour period will be set aside for Honors Convocations. There will be no other chapel or convocation that week. Attendance at the Honors Convocation will count as two of the required number of events.
5. There will be no excuses granted for any cause except prolonged illness.

REGISTRATION

In the spring of each year students will register in advance for all three terms of the next academic year. New students, in consultation with the personnel dean concerned, will choose their courses during the summer preceding their entrance to the college.

All changes in registration require written permission of the instructor for the courses involved and the student's adviser. A fee of \$5 is charged for each course change made after the first week of classes. No student will be permitted to add a course to his schedule after the first week of classes and any course dropped after the second week of classes will incur a grade of F except for cases of illness or other circumstances beyond the control of the student.

GRADES

Academic work is graded at Monmouth College as follows:

- A
- B
- C+
- C
- D
- F Failure
- I Incomplete (Grade Deferred)
- In Progress
- W Withdrawal
- W-F Failure because of withdrawal

The mark I signifies work in the course is incomplete due to illness or circumstances beyond the control of the student, or where the instructor feels further evaluation is needed before the grade is determined. Unless the I is removed within the term following that in which it was given, the grade automatically becomes an F. The mark W signifies withdrawal and is given when a student withdraws from a course with the approval of the instructor involved, the student's adviser and the academic dean, provided the student is passing in the course at the time of withdrawal. The mark W will not be recorded after the end of the first week of classes except for reasons of illness or circumstances beyond the control of the student.

In seminars and other independent study courses where the work of the course cannot be completed in one term, the grade "In Progress" may be given for such uncompleted work, said grade not to be used in calculating the grade-point average. The appropriate letter grade shall be given upon completion of this work, which in no case shall be later than the end of the next succeeding term.

GRADE-POINT AVERAGE

All students in a class are ranked according to their work. Each teacher determines the rank of his own students in his own way. The following grades are used:

- A = 4 grade-points per term course
- B = 3 grade-points per term course
- C+ = 2.5 grade-points per term course
- C = 2 grade-points per term course
- D = 1 grade-point per term course

The term "average" is determined by dividing the total grade-points earned during the term by the number of term courses taken. The cumulative average is the total of all grade-points earned, divided by the total number of term courses taken.

ACADEMIC PROBATION

A student who in any term fails to earn a grade-point average of at least 1.6 is placed on probation for the following term.

A student may remove himself from probation by earning at least a 1.6 grade-point average for the term during which he is on probation and by satisfying the cumulative grade-point average requirement.

A student who is on probation for the first time and fails to remove himself from probation at the end of that term may be required to withdraw from college for at least one term. The academic dean, in consultation with the Scholarships and Admissions committee, determines whether or not withdrawal will be required.

A student who has been placed on probation a second time and has failed to remove himself from probation by the end of that term shall be requested to withdraw from the college and cannot apply for re-enrollment for one academic year. After a year's absence from the campus, a request to re-enroll may be made to the Scholarship and Admissions Committee.

CUMULATIVE GRADE-POINT AVERAGE

A student with one through six term courses whose cumulative grade-point average is less than 1.6 is on probation. A student with seven through 18 term courses whose cumulative average is less than 1.8 is on probation. A student with more than 18 term courses whose cumulative average is less than 2.0 is on probation.

The cumulative grade-point average is computed on the basis of all credit courses in which the student has been enrolled.

DISCIPLINARY PROBATION

A student who is dismissed because of disciplinary reasons will be given a failing grade, if failing, and a "W" if passing at the time of dismissal, with the proviso that he must take the course over upon readmission to the college.

CLASSIFICATION

The student who has nine term courses of college credit and a grade-point average of 1.8 is classified as a sophomore; 18 term courses and a grade-point average of 2.0, a junior; 27 term courses and a grade-point average of 2.0, a senior.

DEGREES

The degree regularly conferred is Bachelor of Arts. Candidates for a degree shall make formal application to the registrar one year in advance of their expected graduation date. The course may be completed at the close of any term but the formal graduation will occur at the commencement in June. The senior year must be spent in residence at Monmouth College.

HONORS AT GRADUATION

Honors at graduation are either *summa cum laude*, *magna cum laude* or *cum laude*. The student is ranked upon his own merit, not upon comparative standing. To be eligible for honors at graduation a student must have been in residence at least six terms and have achieved a grade of Honor in the comprehensive examination. To be eligible for honors *summa cum*

laude the grade-point average for the work taken in residence must be 3.9 or higher. To be eligible for honors *magna cum laude*, the grade-point average for the work taken in residence must be 3.75 or higher. To be eligible for honors *cum laude*, the grade-point average for the work taken in residence must be 3.5 or higher.

CREDIT BY EXAMINATION

Students may secure course credit by passing an examination administered by the department concerned and sufficiently comprehensive to prove mastery of the course. Such credit may not be used to void necessary admission units. Prior approval to take such an examination must be secured from the instructor administering the examination, the department head, the student's adviser, and the academic dean. The fee for this special examination is \$25.

ADMISSION

In conformity with its purpose, Monmouth College admits as students young men and women of good moral character who are properly qualified by previous academic training to pursue the courses which the college offers. Preparatory training given by accredited secondary schools through grade 12 is the normal basis for admission to the freshman class.

REQUIREMENTS

Applicants must present a minimum of 15 secondary school units, 12 of which must be in the following fields: English, history, social science, foreign language, mathematics and science (a unit is a subject carried for one school year). Four of the 12 units must be in English. One-half unit of the English requirement may be in speech or other communication courses. All applicants are required to take the Scholastic Aptitude Test given by the College Entrance Examination Board and must present a satisfactory recommendation from their high school principal or counselor. Candidates who do not meet these requirements will be considered on their merits.

PROCEDURE

Application forms and other information relating to admission may be obtained from the admissions office. A \$10 fee must accompany applications. This fee is non-refundable and is not applicable towards other college expenses. Application should be made early in the senior year of high school to the Director of Admissions, Monmouth College, Monmouth, Illinois.

Arrangements for taking the College Entrance Examination Board scholastic aptitude test may be made by writing the College Entrance Examination Board, Box 592, Princeton, New Jersey.

ADMISSION COMMITTEE ACTION

All applicants are notified of acceptance or rejection as soon as the admission committee takes official action on their application. Monmouth College uses a "rolling" admissions policy, which means that applications are processed as received and applicants generally are notified of admission committee action within a month of application.

ADVANCED STANDING

Students who wish to transfer to Monmouth from another school must present a letter of honorable dismissal and a transcript showing entrance credits accepted and credits earned while in attendance at that college. Transfer students must also furnish a statement indicating they are in good standing at the college from which the transfer is to be made.

HONORS AT ENTRANCE

In order to recognize and reward outstanding achievement of high school seniors applying for admission to Monmouth College, a program of Honors-at-Entrance has been established. A student may qualify for Honors-at-Entrance whether or not he has received financial aid.

High school seniors who rank in the upper 10 per cent of their graduating class will receive Honors-at-Entrance, including a certificate of merit signed by the president and issued by the college prior to the beginning of the academic year and listing as an Honors-at-Entrance student in appropriate college publications.

HONOR SCHOLARS

Students who receive Honors-at-Entrance may continue their status as Honor Scholars in succeeding years by exhibiting personal and social character satisfactory to the Honor Scholars committee, by carrying extra-curricular responsibility and by maintaining the following grade-point averages: at end of freshman year, 2.75; at end of sophomore year, 3.0; at end of junior year, 3.5. Maintaining these standards will make the student eligible for Honors at Graduation.

ADVANCED PLACEMENT

College credit, advanced placement and reduction of the distribution requirements may be granted to entering students who have demonstrated sufficiently strong preparation.

The advanced placement examinations of the College Entrance Examination Board, tests given at Monmouth during Orientation week, and school records may be used by the department in making such a recommendation.

Application for advanced placement should be made to the academic dean. Credit may be recorded if it does not void necessary admission units. The granting of credit is authorized by the academic dean upon recommendation of the instructor who gives the course, the head of the department concerned and with the approval of the faculty adviser.

Credit for one or more term courses is granted, and advanced placement at an appropriate level is offered, to any entering students who have demonstrated college level comprehension in one or more subjects. This credit satisfies any of the requirements for the degree to the same extent as if earned for courses taken at Monmouth. It may not be substituted for any course subsequently failed.

EXPENSES

TUITION AND FEES

Tuition and fees, excluding fees itemized below, is \$408.33 per term. This includes instruction and laboratory fees and the following privileges: student health service and insurance coverage; admission to all regular athletic games, concert-lecture series programs and plays in the college theater; Student Center dues; one-third payment towards purchase of the Ravelings, college yearbook, and Piper literary annual; a one-term subscription to the student newspaper, the Oracle; and support of forensics and the student council. Charges for laboratory breakage are billed at the close of each term.

Special Students

Special students (working towards a degree but carrying less than three term courses), who desire participation in student activities and Student Center privileges will be charged at the rate of \$133.33 per term course.

Special students who do not desire to participate in student activities or have Student Center privileges will be charged at the rate of \$125 per term course.

When a student carries a total of more than 10 courses (including fractional) during an academic year, the additional charge will be \$135 per term course. Any student who, by special permission, carries four full courses for two terms will be charged \$135 for the second fourth course regardless of the total number of courses carried during the year.

Auditing Courses

Students may audit courses, without credit, in addition to their regular academic program, subject to the permission of the instructor involved and approval of the academic dean. Written permission of the instructor involved is required before an audited course is listed on the student's permanent record.

Miscellaneous Fees

Application Fee	\$10.00
Graduation Fee (including cap and gown rental)	18.00
Student Teaching Fee (Education 401, 401S, 402, 402S)	10.00
Late Registration Fee	3.00
Change of Registration (after first week of classes in each term) ..	5.00
Special Fee, Geology 303 (Field Geology)	25.00
Practice-room fee for Piano, Voice and Instruments, per term:	
One hour daily	5.00
two hours daily	8.00
Organ rental, per term:	
four hours per week	15.00
six hours per week	25.00

(For those students registered as full-time students, who include credit in applied music as a part of their program, there is no extra tuition charge. Private lessons on a non-credit basis are available at \$25 per term for one half-hour lesson each week.)

Special Examinations

Students who have unexcused absences from a regular final examination or an announced hour test will be charged a fee for a special make-up examination. The fee is \$10 for a final examination, \$5 for an announced hour test. A statement from the business office showing that the fee has been paid must be presented before the examination will be given.

Transcripts

Each student is entitled to two transcripts, showing the record of his work at the college, without charge. A fee of \$1 will be charged for each additional transcript. No transcript will be issued until the student's college account has been paid.

PAYMENTS

Advance Tuition Deposit

When notified of admission, new students are required to pay a \$100 advance tuition deposit to apply on college expenses for the first year. No refund of this \$100 will be made unless the student suffers an illness or accident which prevents his entering college at the admission date for which he has applied; and then the refund will be made only if the college is notified prior to June 15 (one month prior to date of entry for new students entering at the second or third term).

Returning students are also required to pay a \$100 advance tuition deposit not later than May 1, to apply on college expenses of the following year. Refund privileges for returning students are the same as those for new students.

Deferred Payment

Payments for tuition, fees, room and meals are due at the beginning of each term. A deferred payment charge of \$5 will be assessed all students who defer any part of the term's bill.

The deferred payment plan requires one-fourth of the total fees to be paid at registration and the balance to be paid in equal installments by the 15th day of each of the succeeding three months.

A charge of five per cent interest will be made on all past-due balances. A student who does not maintain his deferred payments as scheduled will be dropped from classes. Students whose accounts are not paid in full 10 days before the end of the term will not receive grades or credit until their accounts are paid.

Other Payment Plans

Plan One . . . Full Payment

Under plan one, bills are paid in full at the beginning of the school year or at the beginning of each term.

Plan Two . . . Deferred Payment

Plan two provides for one-ninth of the total bill for the school year to be paid at registration and the balance to be paid in equal installments by the 15th day of each of the succeeding eight months. There is a \$15 service charge for this plan.

Plan Three . . . Monthly Payments

Plan three spreads payments over an 11-month period. There is no additional charge for this plan.

Monthly Payment Plan

Parents who wish to pay tuition, board and room on the monthly payment plan will be billed as follows:

Advance Tuition Deposit*	\$ 100.00
June 10	100.00
July 10	100.00
August 10	100.00
September 10	420.00
October 10	100.00
November 10	100.00
December 10	100.00
January 10	420.00
February 10	100.00
March 10	345.00
April 10	100.00
	<hr/> \$2,085.00

Statements are sent out monthly by the Business Office on the first of each month and are payable by the tenth. Any grants or scholarships by Monmouth College are applied as follows: One-third against the September charges, one-third against the January charges and one-third against the March charges. Any other fees or charges are shown on statements in the months in which charges are made. A room reservation deposit of \$15.00 is not credited to board, room and tuition charges. A \$5.00 bookkeeping charge will be added per term for deviations of more than 30 days from the above schedule.

In the event of withdrawal prior to the opening of school, full refund will be made of all monies paid, except the advance tuition deposit of \$100 which is refundable only under special circumstances. If the student withdraws after school opens, refund will be made on the basis of terms stated in the catalog.

Room and Meal Rates

The charge for meals, per school year, is \$500. During the official school year, 21 meals per week are served at the college dining hall. The first meal following a vacation period will be served the morning of the day classes are resumed. The dining room may be closed several days during the period between final examinations and registration for the new term.

Room rent per year is \$360, including linen service.

Room reservations will be made only on payment of the \$100 advance tuition deposit and a \$15 room deposit. Rooms will be reserved in the order in which the deposits are received.

Refunds

If it becomes necessary for a student to withdraw from college, refunds of tuition will be made in accordance with the following schedule:

Two weeks or less	80%
During third or fourth week	60%
During fifth or sixth week	40%
During seventh or eighth week	20%
Thereafter	no refund

*Payable at time of acceptance

Refund of board charges will be based on the unused portion of the term, less a penalty of two weeks. Room rent is not refundable under any circumstances. Students who are not able to abide by residence hall regulations, or who show marked unwillingness to cooperate with the house director, may be asked to move from their rooms without privilege of refund.

Annual Expenses, 1963-64

Tuition and Fees	\$1,225
Room	360
Board	500

An estimated \$300 to \$400 will be required for books, supplies, clothing, recreation and other miscellaneous and personal items.

FINANCIAL AID

PROCEDURE

Students who meet the admission standards of the college may secure educational cost assistance in meeting their college expenses if a need is shown. Educational cost need is the difference between one year's educational cost (tuition, books, board, room, etc.) and the student's resources for the same period (aid from parents, guardian, relatives, personal savings and vacation earnings, other scholarships and awards, etc.).

To determine the need factor the student must complete, with his parents, a College Scholarship Service (CSS) form when he applies for financial aid. On this form he and his parents supply information about the family's income, assets, debts and other conditions affecting this factor in the student's resources. The completed form is sent by the applicant to College Scholarship Service, Box 175, Princeton, New Jersey. CSS forms may be secured from the college office of Student Aid and Placement.

CSS computes an estimate of the family's financial means and furnishes this information to the college. The estimate states how much the family might reasonably be expected to pay toward the student's college expenses during the year. The CSS estimate and other information the college may have determines the amount and kinds of aid which may be given.

TYPES OF FINANCIAL AID

Monmouth College believes that the assumption of a reasonable amount of business-related responsibility during the student years develops maturity and post-college adjustment. For this reason every effort is made to combine the following kinds of educational cost assistance in meeting a student's need factor:

SCHOLARSHIPS, GRANTS-IN-AID AND LOANS

Monmouth's many awards of this type are listed elsewhere in this catalog.

Scholarships

Freshmen awards are made to students who rank in the upper one-fourth of their high school class and whose ability, character and promise of achievement are outstanding. Size of the scholarship depends upon need, rank in class and activity record.

Upperclass students who have maintained a cumulative grade-point average of at least 3.0 in the preceding year, have a need, and whose ability, character and record indicate continued high achievement are eligible for scholarships.

Grants-In-Aid

These awards are made to those students with financial need who do not qualify academically for scholarships.

Freshmen, to qualify for a grant-in-aid, must rank in the upper half of their high school class, show promise of being able to pass college-level work and have a record showing good character, some leadership potential and participation in extra-curricular activities.

Upperclass students must have a cumulative grade-point average of at least 2.0 in the preceding year and a previous college record indicating good character and conduct and continued satisfactory achievement.

Student Loans

The usual student loan fund is a revolving type wherein the repayment goes back into the fund for relending to other students with financial need.

Interest rates are usually low (3 to 4 per cent) and repayment does not begin until the student ceases full-time attendance. Repayment periods vary with the different student loan funds. For example, the National Defense Education Act Student Loan Program provides one year of grace after the student ceases being a full-time student. No interest accrues during this period and no repayments are due.

Interest begins with the second year and then the student has 10 years to repay, with deferment of interest and repayment of principal for up to three years if the student attends graduate school or enters the armed services. The act requires that special consideration be given to students planning to teach or those who specialize in modern foreign languages or science. Other students become eligible for this type of loan after the special consideration cases have been completed. A student going into teaching may have 10 per cent of his loan cancelled each year for a maximum of five years.

In addition to the loan funds administered by Monmouth College, a list of other scholarship and loan funds administered independently are on file in the student financial aid office and information is available to those who wish to make their own arrangements for educational cost financing.

United Student Aid Funds

Also available through Monmouth College are loans granted through the United Student Aid Funds, Inc. This is a national, non-profit, tax-exempt corporation established to endorse bank loans to deserving college students who could not otherwise obtain such loans. Details in regard to procedures may be obtained at the college office of student aid and placement.

Part-Time Employment

Although there may be a slight variation in the number of jobs available to students on the campus and in the community from year to year, the number, generally, is slightly more than 200. Campus jobs include secretarial-type work, building and campus maintenance, switchboard operation, residence hall desk duty, library clerical work, residence hall counseling, food service duties and messenger services. The food services and residence hall positions pay from one-third to full board. Other jobs are at hourly rates ranging from 75 cents to \$1.25 per hour.

Student assistantships in the various departments provide a limited number of jobs to upperclass students recommended by department heads.

The college feels that part-time employment demands are reasonable in the number of hours per week required (this varies with jobs), and expects the student to make whatever adjustments are required to accommodate his work, study and social program to the end that his academic program does not suffer.

The college student aid office also lists community part-time jobs and notifies those students who have indicated an interest in part-time work. The college student aid office does not list jobs with excessive hourly demands, unreasonable night-time hours or environmental factors that are undesirable.

GENERAL

It is Monmouth's desire to provide educational cost assistance to every student having a financial need who possesses character, ability, promise and scholastic aptitude and is willing to make reasonable sacrifices to attain his goal of graduating from Monmouth College.

All financial aid is awarded with the understanding that the individual is a full-time student and will allow sufficient time to study consistently. Failure to maintain the required scholastic average will result in cancellation of the award. All awards (except for mid-year entrants) are made for a one-year period and one-third the award is deducted from the student's tuition account each term. All awards are acted upon by the scholarship committee or by special committees, if required by the donors of special funds.

Students holding awards must reapply before March 15 each year in order to obtain financial aid for the following academic year.

Students receiving aid may not own or operate cars on the Monmouth campus.

Students receiving financial aid from the college, except those whose homes are in Monmouth, are required to live in college housing.

PROCEDURE FOR APPLICATION

Freshmen and Transfer Students

New students applying for any of the above forms of financial aid must first apply for admission on the usual forms and be accepted. Next, the parents of the applicant must complete, sign and forward to Box 176, Princeton, New Jersey, the College Scholarship Service "Confidential Statement" in support of request for aid. "Confidential Statement" forms may be obtained through your high school.

Upperclass Students

Upperclass students applying for financial aid must complete the CSS "Confidential Statement" which may be obtained at the college student aid office. Students receiving aid must reapply by March 15 each year in order to obtain financial aid for the following academic year.

HONOR SCHOLARSHIP COMPETITION

Five scholarships with a value of up to \$4,800 (\$1,200 per year) are awarded each year to winners of the Monmouth College Honor Scholarship Competition. High school seniors ranking in the upper 20 per cent of their class and recommended by their principal or counselor are eligible to compete. Winners will be selected on the basis of test results and financial need. Those winners who do not have financial need will be given \$100 honorary awards. Candidates who do not win Honor Scholarships will be considered for other scholarships granted by Monmouth College through regular scholarship funds. Further information may be obtained by writing the director of admissions.

Courses of Instruction

ARRANGEMENT

The departments of instruction in the following description of courses are arranged in alphabetical order. Departmental listings also contain general information concerning the program of the department and requirements for a major in that field.

NUMBERING AND LEVEL

The numbering of each course indicates the level of the course. Numbers 100-199 are used for introductory courses open to freshman. Numbers 200-299 are used for intermediate courses open to sophomores but not to freshmen. Numbers 300-399 are used for advanced courses open only to juniors and seniors or to sophomores with consent of the instructor. Numbers 400-499 are used to designate departmental seminars and independent study.

FRACTIONAL COURSES

Art: All studio courses will be fractional courses. Studio classes will meet six hours per week, either three periods of two hours each or two periods of three hours each. Two terms must be completed to receive one course credit; an additional course credit will be given after the completion of the third term.

Music: All applied music courses will be evaluated as one-sixth of a course per term. No credit will be given until the equivalent of a full course has been completed.

Speech and Dramatics: Dramatics will be evaluated as one-sixth of a course per term. Directing and debate will be evaluated as one-third of a course per term. No credit will be given until the equivalent of a full course has been completed.

ART

HARLOW B. BLUM, *Assistant Professor, Head*

MARTHA H. HAMILTON, *Assistant Professor*

As part of the liberal arts program, the art department offers courses designed to give students an aesthetic appreciation as well as an opportunity to develop creative processes. The art department aims to prepare interested students for graduate work in the fine arts and a professional art career. For students interested in teaching art at the elementary or secondary school level, the program is designed to comply with state requirements for certification.

Field of Concentration

At least 10 term courses in art and five related term courses to include the following: four term courses in art history and design theory, four term courses in studio art and two term courses in independent study (Art 320 and 420).

101. Introduction to the History of Art. A study of art from prehistoric times to the Baroque period.
Second term

Mrs. Hamilton

102. Introduction to the History of Art. A study of art from the Baroque period to the present time.

Third term

Mrs. Hamilton

103. Art Appreciation. A course for the general student, emphasizing increased perception of the formal elements of visual art—line, form, color and texture—with which one comes into contact every day. Included also are the theory and criticism of visual art. Open primarily to non-art majors.

First term

Mrs. Hamilton

211. Design. A study of the fundamental elements and principles of design applied to fine and minor arts.

Second term

Mrs. Hamilton

312. History of Interior Design, Furniture and Decoration. A study of interior design, furniture and decoration from prehistoric times through the seventeenth century.

First term (1962-63 and alternate years)

Mrs. Hamilton

314. History of Interior Design, Furniture and Decoration. A study of interior design, furniture and decoration from the eighteenth century to the present. Prerequisite: Art 312 or consent of the instructor.

Second term (1962-63 and alternate years)

Mrs. Hamilton

316. House Planning and Decoration. A study of house planning and building, interior and exterior, and decoration and furnishing. Special emphasis on contemporary materials and methods.

(1963-64 and alternate years)

Staff

319. Mediterranean Culture of the 16th and 17th Centuries. See French 319.

Staff

320. Junior Independent Study. An individual research program arranged in consultation with the instructor and designed to fit the interests of the student.

Third term

Staff

321. Architecture. Ancient, Medieval, and Renaissance architecture are used as a basis for appraising contemporary architecture.

First term

Mrs. Hamilton

322. Contemporary Art. A study of twentieth century painting and sculpture with emphasis on the art in America.

Third term

Mrs. Hamilton

331. European Renaissance. A study of the great figures in important centers in the Renaissance.

(1963-64 and alternate years)

Staff

420. Senior Independent Study. An individual research program as in 320, but on a more advanced level.

Third term

Staff

Studio Courses

All studio courses are fractional courses. Students will receive one-half course credit for each term during the first two terms in which they are enrolled in a studio art course sequence. Students who complete the third term of the same studio art course sequence will receive an additional term course credit.

151 a, b. Fundamentals of Drawing. Introducing the beginning student to a variety of media: charcoal, conte, ink, pastel and watercolor. Theory and practice in the elements of drawing with the emphasis on creative expression.

Mr. Blum

201 a, b. Beginning Printmaking-Serigraphy. A studio course in silk-screen emphasizing the basic techniques of the medium in the development of the fine print.

Mr. Blum

251 a, b. Elementary Oil Painting. Introducing the student to composition practice, analysis and painting techniques. Still-life, figure and landscape. Prerequisite: Art 151 or consent of the instructor.

Mr. Blum

301 a, b. Advanced Printmaking. Prerequisite: Art 201.

Mr. Blum

351 a, b. Composition and Painting. Composition practice, analysis and painting techniques with emphasis on the creative formal elements. Prerequisite: Art 251.

Mr. Blum

451 a, b. Advanced Composition. Individual creative work in the practice of painting, sculpture or graphic arts; and seminar on professional problems. Prerequisite: Art 301 or 351.

Mr. Blum

BIBLE AND RELIGION

CHARLES J. SPEEL, II, *Professor, Head*

HAROLD J. RALSTON, *Professor*

J. STAFFORD WEEKS, *Associate Professor*

Courses in the department have four main objectives:

1. To develop in students a knowledge of the contents of the Bible, the use made of it in the past and present, the areas of study closely allied to it and the relationship of such knowledge to other fields of study.
2. To help students discover the role of religion in contemporary life, both personal and social, and to assist them in their quest for moral and religious understanding and certainty.
3. To develop in students a knowledge and understanding of the historical and doctrinal roles of Christianity and other religious forces.
4. To prepare students for the varied tasks of lay leadership and to build a foundation for graduate study in the case of those preparing for the ministry, for religious education and for the teaching of Bible and Religion.

Field of Concentration

- (a) A departmental unit of at least seven term courses.
- (b) At least five related term courses chosen in consultation with the department.

Bible

101. Bible Survey. A survey of the Old and New Testaments and a study of Jesus and Paul.

Each term

Staff

201. Old Testament Problems. Various aspects of Old Testament material including literature, religion and theology.

First term (1963-64 and every third year)

Mr. Speel

212. New Testament Problems. Various aspects of New Testament ma-

terial, including literature and religious thought.

Second term (1964-65 and every third year)

Mr. Speel

301. Archaeology and the Bible. The bearing of archaeological and historical investigations on the life and literature of the Old and New Testaments along with a study of the relationship of neighboring cultures.

First term (1962-63, 1964-65 and twice every three years) *Mr. Speel*

Religion

101. Basic Beliefs. A study of the fundamentals of the Christian faith and a consideration of the chief creeds of Christendom.

First term.

Mr. Weeks

203. Ethics of the Professions and Business. A study of the history of Christian ethics and the ethics of the professions and businesses of the present day. Guest speakers, specialists in their fields, assist the instructor in the class. Discussion of historical and current situations.

Third term (1963-64 and every third year)

Mr. Weeks

213. Philosophy of Religion. See Philosophy 213.

301. Church History to 1450. A history of the Christian church from the time of Christ to 1450 A.D., including a study of Christian doctrine, church organization, significant ecclesiastical movements and outstanding church leaders.

First term

Mr. Speel

307. New Testament. See Classical Languages (Greek) 307.

308. New Testament. See Classical Languages (Greek) 308.

312. Church History 1450 to the Present. A history of the Christian church from 1450 A.D. to the present, including a study of doctrine, organization, ecclesiastical movements and church leaders.

Second term

Mr. Speel

322. World Religions. An introduction to the history of religion, emphasizing the life and character of the founders, the philosophic development, the numerical and territorial expansion and the faith and practices of the religions of the world, both past and present.

Second term

Mr. Weeks

324. Sacred Music. See Music 324.

333. Christian Leadership. A study of the Christian ministry, the history, organization and administration of the church. Includes an introduction to forms of worship, use of the Bible, and other materials and subjects related to Christianity and the furtherance of missions.

Third term (1964-65 and alternate years)

Mr. Weeks

343. Program, Polity and Worship. A study of the program, polity and worship of the United Presbyterian Church. Arrangements may be made for students of other denominations to study their own church.

Third term (1963-64 and alternate years)

Mr. Weeks

Seminars and Individual Study

351. Field Work in Christian Education. A supervised program of practical experience in connection with Christian education programs at local churches. Open only to juniors and seniors preparing for careers in Chris-

tian education. Departmental consent required. Prerequisite or corequisite: Religion 323. Fractional credit.

Mr. Speel

401. Seminar. Open to juniors and seniors, subject to consent of the department. Topic for 1962-63: "The Middle East and Africa."

First term

Mr. Speel

412. Reading Course. On problems of interest to the student. Open only to students who include Bible and Religion in their field of concentration.

Second term

Mr. Speel

423. Thesis Course. On a subject of the students' own choosing. Open only to students who include Bible and Religion in their field of concentration.

Third term

Mr. Speel

BIOLOGY

JOHN J. KETTERER, *Professor, Head*

ROBERT H. BUCHHOLZ, *Professor (leave of absence, 1963-64)*

MILTON L. BOWMAN, *Associate Professor*

DAVID C. ALLISON, *Assistant Professor*

Field of Concentration

- (a) A departmental major of at least seven term courses in addition to Biology 101 and 102. The seven term courses must include Biology 201, 303, 305, 306, 401, and either 402 or 403. The remainder of the requirement may be satisfied by any other courses offered by the department.
- (b) Five term courses in the related fields of physics and chemistry of which the following are required: Organic Chemistry, one term; Quantitative Analysis, one term (unless excused by the adviser) and physics, two terms. A good background in mathematics is strongly urged.

101. College Biology. An introduction to biology covering the organization of living organisms, their general physiology, morphology, embryology, genetics, evolution and ecology. Appropriate animal and plant forms are studied in both lecture and laboratory. Open to all students.

First term

Staff

102. College Biology. Continuation of Biology 101. Prerequisites: Biology 101 or consent of the instructor.

Second term

Staff

201. Introductory Physiology. An introduction to the physiology of mammalian organs and organ systems. Prerequisites: Biology 101, 102, and Chemistry 101 or consent of the instructor.

First term

Mr. Buchholz

203. Genetics. An introduction to the principles of heredity in animals and plants. Prerequisites: Biology 101, 102, or consent of the instructor.

Third term (1962-63 and alternate years)

Mr. Ketterer

204. Botany. A review of the plant kingdom with emphasis on plant structure, physiology and classification. Open to all students.

Third term

Mr. Bowman

205. Nutrition. Contributions of nutrition to the health and well-being of the individual, the family and society; essentials of an adequate diet based on food requirements; nutritive values of common foods; digestion and metabolism. Prerequisite: Chemistry 101 or Biology 101.

First term (1963-64 and alternate years)

206. Ecology. An introduction to ecology designed to give the student an understanding of the principles and concepts of environmental inter-relationships and interactions with living organisms. Prerequisites: Biology 101, 102, and Biology 204 or consent of the instructor.

Third term

Mr. Bowman

208. Organic Evolution. An introduction to the theories of evolution, the mechanics of evolution, the problems of the origin of life and evolution of plants and animals. Prerequisites: Biology 101, 102, or consent of the instructor.

Third term (1963-64 and alternate years)

Mr. Ketterer

301. Bacteriology. A general course consisting of a study of culture methods, morphology, identification and physiology of the bacteria. Some consideration is also given to the nature of disease and its control. Prerequisites: Biology 101, 102, or consent of the instructor.

Second term (1964-65 and alternate years)

Mr. Ketterer

302. Histology. An introduction to vertebrate animal tissues with consideration given to the relationship of form to function. Representative tissues are studied in the laboratory. Prerequisites: Biology 101, 102.

Second term (1963-64 and alternate years)

Mr. Ketterer

303. Comparative Physiology. A comparison of animal physiological mechanisms in the muscle, nervous, endocrine, circulatory, digestive and excretory systems. The organisms will be studied in relation to ecology and the evolution of physiological function. Prerequisites: Biology 201 and Chemistry 102.

Second term

Mr. Buchholz

304. Advanced Physiology. A study of topics of current interest in basic and comparative physiology. Prerequisites: Biology 303 or consent of the instructor.

Third term

Mr. Buchholz

305. Comparative Vertebrate Anatomy. A detailed study of the comparative anatomy of vertebrates. Shark, Necturus and cat are used as types in the laboratory. Prerequisites: Biology 101, 102, or consent of the instructor.

First term

Mr. Ketterer

306. Embryology. A study of the embryological development of vertebrates. Prerequisites: Biology 305 or consent of the instructor.

Second term

Mr. Bowman

Seminars and Individual Study

401. Seminar. Readings and discussions on selected topics designed to relate the knowledge from the several branches of biology to the whole of biological knowledge and to other learned disciplines from an historical and current problems point of view. Open to senior biology majors.

First term

Staff

402. Experimental Biology. Advanced laboratory experimental work of the student's own choosing, not covered in other courses offered by the department. Detailed written reports are required. Open to senior biology majors.

Second or third term

Staff

403. Research. Original research projects, chosen by the student in consultation with the staff, involving the search of primary literature sources, design and execution of experiments, and an oral and written report of the research results. Open to senior biology majors.

Second or third term

Staff

405. Independent Study. Offered by special arrangement.

Each term

Staff

CHEMISTRY

GARRETT W. THIESSEN, *Professor, Head*

BERWYN E. JONES, *Assistant Professor*

ROBERT MEYER, *Assistant Professor*

Field of Concentration

(a) Chemistry 101, 102, 103, 201, 202, 203, 301, 302, 403; Physics 101, 102, 103 and Mathematics 151, 152, 251, 254. Reading knowledge of German. Related courses in astronomy, biology, geology and physics, so far as is possible.

(b) American Chemical Society Accreditation: All of the above plus Chemistry 303 and 401 or 402; as many related courses as possible in mathematics, physics, biology and geology.

101. Elementary Inorganic. Periodic Law, atomic structure, orbital picture of chemical bonds, phase rule, gas laws, and kinetic molecular theory, classical atomic and molecular weights, formulas, equations and stoichiometry, solutions, electrochemistry, oxidation-reduction. Four lectures, one lab (semimicro identification). Prerequisite: Two and one-half units of mathematics, slide rule.

First term

Mr. Thiessen

102. Descriptive Elementary Organic. General survey of organic chemistry including aliphatic and aromatic hydrocarbons, important functional groups (alcohols, carbonyls, amines, etc.), carbohydrates, amino acids and proteins, natural products. Four lectures, one lab (semimicro synthesis). Prerequisite: 101 or equivalent.

Second term

Mr. Meyer

103. Electrolytic Equilibrium. Nuclear chemistry, kinetic equilibrium, ionic equilibrium, water ph, buffers, hydrolysis, solubility products, colloids, elementary thermodynamics, complexes. Three lectures, two laboratories (separation and identification). Prerequisite: 101 or equivalent; Physics — differential and integral calculus or equivalent.

Third term

Mr. Thiessen

201. Elementary Analytical. Gravimetry, titrimetry and the physical chemical basis for analytical chemistry. Three lectures, two laboratories (gravimetry, titrimetry, physical chemical applications, colorimetry). Prerequisite: 102, 103.

First term

Mr. Jones

202. Physical Chemistry. Thermodynamics (classical and statistical), solutions, kinetic theory, liquid states, molecular structures. Four lectures, one laboratory (physical properties of elements and compounds emphasizing precision in measurement). Prerequisite: Chemistry 201 and Mathematics 254.

Second term

Mr. Jones

203. Physical Chemistry. Homogeneous and heterogeneous equilibrium, electrochemistry, elementary chemical kinetics, Schroedinger equation, quan-

tum chemistry, molecular bonding. Four lectures, one laboratory (miscellaneous experiments in physical chemistry).

Third term

Mr. Jones

301. Advanced Organic. Chemical bonding, resonance, stereochemistry, mechanisms of reactions for aliphatic and aromatic compounds, elimination and addition reactions, molecular rearrangements, emphasis on important synthetic procedures. Three lectures, two laboratories (advanced techniques in organic synthesis). Prerequisite: 102, 201.

First term

Mr. Meyer

302. Advanced Analytical. Analytical complexes, redox theory, potentiometry, multiple stage separations, conductometric titrations, polarography. Three lectures, two laboratories (advanced techniques including instrumentation [electromagnetic waves and nuclear]). Prerequisite: 201.

Second term

Mr. Jones

303. Theoretical Inorganic. Acid-base chemistry, co-ordination chemistry, mechanisms of inorganic reactions, descriptive inorganic chemistry. Three lectures, two laboratories (emphasis on advanced techniques of inorganic synthesis). Prerequisite: 301, 203.

Third term

Mr. Meyer

401. Advanced Physical Chemistry. Advanced chemical kinetics, statistical mechanics, spectroscopy, advanced topics in physical chemistry. Four lectures, one laboratory (nuclear chemistry, instrumental analysis). Prerequisite: 302, 303.

First term

Mr. Jones

402. Theoretical Organic. Advanced mechanistic theories, Hammett and Taft equations, heterocycles, applications of electromagnetic waves to organic chemistry. Three lectures, two laboratories (qualitative inorganic analysis, including applications of infra-red and ultra-violet spectra). Prerequisite: 301, 302.

Second term

Mr. Meyer, Mr. Thiessen

403. Seminar. Survey of the chemical literature, oral presentations of modern topics in chemistry and an original research project chosen in consultation with the staff. Prerequisite: students must be chemistry majors in their senior year.

Third term

Mr. Meyer, Staff

404. Independent Study. Offered by special arrangement.

Each term

Mr. Meyer

CLASSICAL LANGUAGES

HAROLD J. RALSTON, *Professor, Head*

BERNICE L. FOX, *Associate Professor*

Latin

Field of Concentration

(a) A departmental unit of at least seven courses in addition to Latin 101 and 102, and including 401.

(b) Five or more related courses chosen with the approval of the adviser.

101. Elementary Latin. A study of grammar and syntax. Designed for the student beginning the study of Latin.

Second term

Miss Fox

102. Elementary Latin. A continuation of Latin 101, completing syntax and starting the reading of Latin authors.

Third term

Miss Fox

204. Vergil's Aeneid. Prerequisite: two years of high school Latin or Latin 101-102.

First term

Miss Fox

205. Cicero. Selections from the Orations and Essays. Prerequisite: two years of high school Latin or Latin 101, 102.

Second term

Miss Fox

301. Livy's Histories. Emphasis on the early kings and the Carthaginian Wars. Prerequisite: three years of high school Latin or its equivalent.

First term (1963-64 and alternate years)

Miss Fox

302. Tacitus and Suetonius. The period of the Twelve Caesars, with special study of the periods of Augustus and Nero. Prerequisite: see Latin 301.

Second term (1963-64 and alternate years)

Miss Fox

303. Pliny's Letters. Special study of Roman private life at the time of Pliny. Prerequisite: see Latin 301.

Third term (1963-64 and alternate years)

Miss Fox

310. Roman Drama. Studies in Plautus and Terence. Prerequisite: see Latin 301.

First term (1964-65 and alternate years)

Miss Fox

311. Latin Lyric Poetry. Readings from Catullus, Ovid and Horace. Prerequisite: see Latin 301.

Second term (1964-65 and alternate years)

Miss Fox

312. Roman Satire. A study of the satires of Horace and Juvenal and the epigrams of Martial. Prerequisite: see Latin 301.

Third term (1964-65 and alternate years)

Miss Fox

401. Independent Study. Individual research problems in language or literature under guidance of the instructor. Advanced students only.

By special arrangement

Miss Fox

Greek

101. Elementary Greek. A study of Greek grammar and acquisition of vocabulary.

Second term

Mr. Ralston

102. Elementary Greek. Continuation of the study of Greek grammar, with translation in Xenophon's *Anabasis* or other selected reading.

Third term

Mr. Ralston

201. Greek Reading. Selections from Plato's *Apology* and *Crito*, or from the Greek historians, Septuagint, Apocrypha, or non-literary papyri.

First term (1964-65 and alternate years)

Mr. Ralston

202. Greek Reading. Continuation of 201.

First term (1963-64 and alternate years)

Mr. Ralston

307. New Testament. Forms, syntax and reading. Prerequisite: Greek 101-102.

Second term (1964-65 and alternate years)

Mr. Ralston

308. New Testament. Textual and word studies and more difficult reading.

Second term (1963-64 and alternate years)

Mr. Ralston

401. Independent Study. More advanced individual study of grammar or reading under direction of the instructor.

By special arrangement

Mr. Ralston

Classical Civilization

(Given in English. No foreign language prerequisite.)

220. Roman Literature in Translation. A study of Roman literature in English translation. No prerequisites.

Third term (1963-64 and alternate years)

Miss Fox

221. Classical Mythology. A study of classical myths, especially as they relate to English literature. No prerequisites.

Third term (1964-65 and alternate years)

Miss Fox

223. Greek Civilization and Literature. Introduction to Greek life, artistic accomplishment and thought. Selections from Greek literature are read in English translation.

First term (1964-65 and alternate years)

Mr. Ralston

224. Word Elements. Intended to aid in mastering general and technical derivatives from Greek and Latin stems. No previous study of these languages required.

First term (1963-64 and alternate years)

Mr. Ralston

EAST ASIAN STUDIES PROGRAM

CECIL C. BRETT, *Director, Associate Professor
of Government and History*

The Monmouth College Board of Directors authorized the establishment of an East Asian Studies program effective September, 1963. This decision was based on the assumption that study of peoples and cultures outside the Western world is a necessary dimension of a liberal education. The underlying objective of the program is to broaden the opportunities for study of non-Western societies available to the entire range of Monmouth students.

The first stage of this new dimension to the academic program makes modest provision to encourage students as a normal part of their academic course work to come in contact with some ideas and institutions of Asian civilizations as well as with some of the literary and philosophical work of the oriental traditions. Each course is designed to supply the insights of a particular discipline to non-Western societies of east Asia.

201. History of Oriental Civilizations, I.

202. History of Oriental Civilizations, II.

301. Modern China. See History 301.

302. Modern Japan. See History 302.

303. Modern India. See History 303.

306. Oriental Philosophy. See Philosophy 306.

322. World Religions. See Religion 322.

343. Foreign Governments, III. See Government 343.

Economics and Business Administration

JAMES R. HERBSLEB, *Professor, Head*
 GANGADHAR S. KORI, *Visiting Professor*
 ROBERT ADUDDLELL, *Instructor*
 HOMER L. SHOEMAKER, *Instructor*

Field of Concentration

The field of concentration may be either in Economics or Business Administration, or these areas may be combined:

- (a) Concentration in Economics requires the following courses: 305, 306, 300, 301, 309, 311, 401 and Statistics. Additional electives available would be Economics 302, 303, 310 and a Survey of Accounting (independent study).

Economics 200, 201 are required and may be used to satisfy Division II requirements, but are not included in the field of concentration.

- (b) Concentration in Business Administration requires the following courses: 203, 204, 307, 308, 320, 321, or 322, 401 and Statistics. Additional electives available would be Economics 100, 322, 323, 205, 206, 324.

Economics 200, 201 are required and may be used to satisfy Division II requirements, but are not included in the field of concentration.

- (c) Combined Economics and Business Administration curricula require the following courses: Survey of Accounting (independent study) or Economics 203, 204, 401, and other additional courses taken with the advice and consent of the adviser to complete the major.

Economics 200, 201 are required and may be used to satisfy Division II requirements, but are not included in the field of concentration.

200. Principles of Economics. The two-term sequence (Economics 200-201) is designed to equip the student with a fundamental and rigorous understanding of the methods and objectives of economic analysis. The course provides an intensive, orderly and objective set of basic relationships within which real world economic problems and policy questions may be analyzed.
First term *Mr. Aduddell, Mr. Kori*

201. Principles of Economics. A continuation of Economics 200. Prerequisite: Economics 200.
Second term *Mr. Aduddell, Mr. Kori*

203. Principles of Accounting. This course does not presume any previous training in bookkeeping. It gives thorough acquaintance with the principles of accounting as applied to the corporate form of business enterprise.
First term *Mr. Shoemaker*

204. Principles of Accounting. A continuation of Economics 203 with emphasis on the interpretation of accounts as applied to both corporations and partnerships. Prerequisite: Economics 203.
Second term *Mr. Shoemaker*

205. Intermediate Accounting. Individualized study, usually seminar, in various fields of accounting such as budgeting, cost, taxation, etc.
Second term *Mr. Shoemaker*

206. Advanced Accounting. A continuation of 205.
Third term *Mr. Shoemaker*

211. Mathematics of Finance. See Mathematics 211.

212. Elementary Statistics. See Mathematics 212.

300. Intermediate Price Theory. An intensive view of modern price theory as it applies to individuals, firms and resource owners and their interaction in markets characterized by both perfect and imperfect competition. Prerequisite: Economics 201.

Second term

Mr. Aduddell

301. Intermediate Income Analysis. A comprehensive view of modern theories of the determination of income and employment. Includes discussion of both Keynesian and post-Keynesian developments in income theory. Prerequisite: Economics 201.

Third term

Mr. Aduddell

302. Business and Government. A study of basic industrial organization as it is altered by government regulation, particularly the regulation of monopoly and unfair business practices as spelled out in the Sherman Act and Clayton Act. Prerequisite: Economics 201.

First term

Mr. Aduddell

303. Government and Labor. A study of the changing position of labor before the courts and government regulation of labor unions. Prerequisite: Economics 201, 302.

Second term

Mr. Aduddell

305. Money and Banking. A study of the history and theory of banking and the problems of monetary and fiscal policy. Prerequisite: Economics 201.

First term

Mr. Herbsleb

306. International Economics. Analysis of our economic relations with other nations, relating to governmental policies in the area of trade and including economic development. Prerequisite: Economics 305.

Second term

Mr. Herbsleb

307. Business Law. An introduction to the development of our legal system and the organization of our courts. Involves analysis of cases and application of principles with a view to the appreciation of the involvement and development of law in our society. Prerequisite: Economics 201.

First term

Mr. Herbsleb

308. Business Law. A continuation of Economics 307, extending the analysis of the law into the realm of business organizations and property. Prerequisite: Economics 307.

Second term

Mr. Herbsleb

309. Comparative Economic Systems. Analysis of the competing economies of the world—Capitalism, Socialism, Fascism, Communism. Prerequisite: Economics 201.

Second term

Mr. Herbsleb

310. Public Finance. A study of the financing of government operations, including the problems of fiscal policy. Prerequisite: Economics 201.

Third term

Mr. Herbsleb

311. History of Economic Thought. A study of the development of major economic thought and doctrines. Emphasis upon Mercantilists, Physiocrats, Classical School, Adam Smith, J. S. Mill, Alfred Marshall, J. B. Clark, Thorstein Veblen, J. A. Hobson, J. M. Keynes and others. Prerequisite: Economics 201.

Third term

Mr. Aduddell

320. Investments and Finance. Analysis of the various types of investment securities from the viewpoint of the investor, with attention to methods of corporation finance. Prerequisite: Economics 201, 204.

First term

Staff

321. Principles of Management. Study of general principles of business management with emphasis on transferability of management principles to all phases of business. Prerequisite: Economics 201.

322. Marketing. Principles and problems in wholesaling, retailing, advertising, chain stores and mail-order merchandising; study of buying motives and commodity markets; methods in buying, selling, transportation, storage, pricing and credit extension. Prerequisite: Economics 201.

First term

Staff

401A. Industrial Management. Independent study of the organization of industry and its management, including the physical plant, production, control and administration.

401B. Personnel Management. Independent study of problems and methods of personnel management, wages, unemployment, labor movement and methods of effecting adjustments between capital and labor.

345. American Economic History. An analysis of the American economy from colonial times to the present stressing the development of economic institutions and a study of the changes taking place in the methods of production and organization of enterprise. Emphasis on quantitative aspects of history.

EDUCATION

ALBERT NICHOLAS, *Professor, Head*

CHARLES E. WINGO, *Professor, Director, Elementary School
Student Teaching*

BEN T. SHAWVER, *Professor, Director, Secondary Student Teaching*

KATY L. DAVENPORT, *Instructor*

The education department does not offer a field of concentration. The department cooperates with the other departments of the college in the preparation of teachers.

The education department offers courses to meet the requirements for certification in the elementary and secondary schools. The courses are planned primarily to meet the Illinois state requirements, but also meet the requirements in many other states. Students who plan to teach in a state other than Illinois should consult the education department in regard to the requirements in that state.

201. Introduction to American Public Education. Study of educational psychology, history and philosophy of education, and tests and measurements. Prerequisites: sophomore standing and Psychology 221.

Second and third terms

Mr. Nicholas, Mr. Wingo

202. Introduction to American Public Education. A continuation of 201.

Second and third terms

Mr. Nicholas, Mr. Wingo

220. Physical Education for Elementary Teachers. Required of all elementary teachers. See Physical Education 220.

225. Developmental Psychology. See Psychology 225.

301. The Teaching of Arithmetic and Reading. Required of all elementary teachers. Prerequisites: Education 201 and 202. Open only to juniors and seniors.

First term

Mr. Wingo

302. Secondary Techniques, Methods and Instructional Materials. Required of all secondary teachers. Prerequisites: Education 201 and 202. Open only to juniors and seniors.

First term

Mr. Nicholas

303. Secondary Instructional Materials and the Teaching of Reading. Required of all secondary teachers. Prerequisites: Education 201 and 202. Open only to juniors and seniors.

Second term

Mr. Nicholas, Mr. Wingo

304. Science for Elementary Teachers. An interdisciplinary course encompassing subject matter from the natural sciences and science education. Aim of the course is the preparation of students grounded adequately in content and methods for the elementary schools of today and tomorrow. Prerequisites: a sequence of two terms in a laboratory science. The third term requirement in Division III may be met by Education 304 if the student at the beginning of the senior year is continuing to prepare for elementary school teaching. Certification of this intention of the student will be required by the registrar from the student and the adviser.

Third term

Mr. Shawver

305. Psychology of Learning. See Psychology 305.

307. School Administration. A study of the local school system, the duties of the superintendent and principal and the supervision of instruction.

Third term (1963-64 and alternate years)

Mr. Wingo

312. Teaching of Elementary School Music. See Music 312.

326. Teaching of Art and Children's Literature. Prerequisites: Education 201 and 202. Open only to juniors and seniors.

Summer session

Mrs. Davenport

327S. Elementary School Art Workshop. A theory and laboratory course designed to give experience in exploring method, media and techniques useful in teaching art in elementary school. Design, mosaics, construction, paper sculpture, paper-mache and other techniques are taught.

Summer session

Mrs. Davenport

400. Independent Study. For seniors who wish to make a special study of some project in the field of education.

First, second and third terms

Staff

401. Student Teaching in the Elementary School. Required for the elementary certificate. Open only to seniors. Application blanks and information regarding the requirements may be obtained at the education department office. Includes directed observation and full-time teaching experience in one of the elementary grades from kindergarten through the eighth grade. Each student will work closely with a critic teacher and a supervising teacher from the education department.

First term

Staff

401S. Secondary Student Teaching. Includes directed observation and full-time responsibility teaching in one or more of the grades seven through 12 in a recognized school, participation in weekly conferences and guided study of relevant references. Each student will work closely with a critic teacher, a college supervisor from the Education Department and a representative from the student's major department. The latter will be partly responsible for instruction in methods in the student's major field.

First term

Staff

402. Student Teaching in the Elementary School. A continuation of 401.

Successful completion of 401 is a prerequisite for admission.

Second term

Staff

402S. Secondary Student Teaching. A continuation of 401S. Successful completion of 401S is a prerequisite for admission.

Second term

Staff

404. Phonics Workshop. Two weeks of intensive study with 45 hours of classroom instruction in addition to outside reading requirements. Studies will be based on use of the 44 basic speech sounds as perceptual skills in teaching reading. The language laboratory, which utilizes tape-recorded language drills, will be available for practice in producing and applying speech sounds in the teaching of reading.

Summer session

Mr. Wingo

405. Seminar on Urban Education. This deals with the problems encountered in Chicago public schools. Registration limited to appointees to the program in Urban Education of the Associated Colleges of the Midwest.

460. Methods of Teaching Modern Foreign Languages. See French 460, German 460, Spanish 460.

ENGLISH

ALLEN C. MORRILL, *Professor, Head*

EVA HANNA CLELAND, *Professor*

ADELE KENNEDY, *Associate Professor*

RICHARD LEEVER, *Associate Professor*

GRACE BOSWELL, *Assistant Professor*

DAVID ROBERTS, *Assistant Professor*

Field of Concentration

- (a) At least seven courses in English beyond the freshman courses, 101-102. It is recommended that the following courses be taken: English 201-202, English 204, English 221 or English 311, English 361, and at least one seminar course in both the junior and senior year.

NOTE: Upper college course prerequisites: Qualified students may apply for instructor's approval to waive usual prerequisites.

101. Freshman English. Weekly themes are required. Attention is given to the improvement of the student's vocabulary and facility in self-expression and self-correction. The course also provides an introduction to various types of literature, including the essay, short story and biography. Required of all freshmen.

First or second term

Staff

102. Freshman English. A continuation of 101 including drama, poetry and the novel. Prerequisite: 101. Required of all freshmen.

Second or third term

Staff

102a. An honors course for freshman students whose performance in English 101 has been outstanding. More ambitious units of writing than those of English 102 and frequent conferences with the instructor. A course aimed at developing the students' initiative and achievement. Prerequisite: English 101 and recommendation of the department.

Second or third term

Staff

103. Types of Literature. Offered primarily for students who show writing ability or are recommended for advanced placement. Successful completion of English 103 will meet divisional requirements for English 101, 102.

201. Survey of British Literature. British prose and poetry from their beginnings to 1800. Prerequisites: English 101 and 102.

First term

Mr. Leever

202. Survey of British Literature. Prose and poetry of Britain from 1800 to the present. Prerequisite: sophomore standing.

Second or third term

Mr. Leever

204. Survey of American Literature. Growth of American literature, exclusive of drama, from its beginning to 1900. A study of the principal tendencies with emphasis on major figures. Prerequisite: sophomore standing. This course may be followed by 305.

First term

Miss Kennedy

206. Poetry. An introductory study of English and American poetry cutting across national and chronological boundaries with emphasis on theme, structure, technique.

Mr. Leever

221. Classical Mythology. See Classical Civilization 221.

300. Report Writing. Primarily technical or report writing for pre-engineering and scientific students and students preparing for graduate work. Advanced training in the gathering, preparation, organization and presentation of information.

First term (1963-64 and alternate years)

Staff

301. Modern British Prose. Leading British writers and movements of the last 30 years.

Third term (1964-65 and alternate years)

Miss Kennedy

305. Modern American Literature. Growth of American literature from 1900 to the present. A study of the leading writers and movements (sequel to English 204).

Second term

Miss Kennedy

306. Creative Writing. A workshop course of self-expression and evaluation in poetry, the essay and the short story. Consent of the instructor required for admission.

Second term

Miss Fox

307. The English Novel. A study of the English novel from its beginnings to the present.

First term (1962-63 and alternate years)

Mr. Morrill

308. The American Novel. A study of the American novel from its beginnings to the present.

Third term (1962-63 and alternate years)

Mr. Leever

311. Great Books and Writers to 1800. A course in comparative literature, both prose and poetry, including translated masterpieces from Egypt, Greece, Rome, Persia and India.

First term (1963-64 and alternate years)

Mrs. Boswell

312. Great Books and Writers from 1800. Extensive library readings and class discussions of the best literary productions of Europe and the Near East since 1800.

Second term (1963-64 and alternate years)

Mrs. Boswell

313. The English Romantic Movement. A study of British poetry and prose in the romantic period.

Third term (1964-65 and alternate years)

Mrs. Boswell

316. Tennyson and Browning. A study of British poetry in the second half of the nineteenth century with emphasis on Tennyson and Browning, their philosophy and their relation to their contemporary thought and

progress. Individual studies are made of the lesser nineteenth century poets.

Third term (1964-65 and alternate years)

Mrs. Cleland

318. Victorian Prose. A study of the ideas of this era of change and progress as expressed in essay and fiction. Readings include such authors as Mill, Carlyle, Arnold, Ruskin, Dickens and Thackeray.

First term (1963-64 and alternate years)

Mrs. Cleland

320. European Short Story. French, Russian, German, Spanish, Italian and British short stories are studied. National characteristics and techniques are examined.

Second term

Mrs. Cleland

321. Seventeenth Century Literature. A study of seventeenth century British prose and poetry from the days of Donne and Jonson to the end of the Restoration.

First term (1963-64 and alternate years)

Mr. Morrill

322. Eighteenth Century Literature. A study of eighteenth century British prose and poetry from Pope to Burns.

Third term (1963-64 and alternate years)

Mr. Morrill

324. Biography and Diaries. A study of subjective writing as well as objective biography which throws light upon manners, customs, political, religious and literary life and interesting personalities.

Third term (1963-64 and alternate years)

Mrs. Cleland

361. Shakespeare. A consideration of influences forming Shakespeare's background and the study of at least eight representative plays (see also English 462).

First term

Mr. Morrill

363. The English Renaissance. A study of English writers in the sixteenth century with emphasis on Spenser, Sidney and Shakespeare's contemporaries.

Second term (1964-65 and alternate years)

Mr. Morrill

Seminars and Individual Study

In order to encourage individual initiative and scholarly research, the English department requires English majors to elect, in the junior and senior years, at least one individual study or seminar course each year. The following courses meet this requirement:

401. Chaucer. A study of Chaucer's England, his language and his writing, especially *The Canterbury Tales*. Permission of the instructor is required.

First term (1964-65 and alternate years)

Miss Kennedy

403. Modern Poetry: British and American. A study of twentieth century British and American poetry. The course is conducted as a seminar with emphasis on literary movements and social significance. Prerequisites: senior standing and permission of the instructor.

Second term (1964-65 and alternate years)

Miss Kennedy

404. Studies in American Civilization. An integrated historical, social and cultural interpretation of life, thought and institutions in the United States from 1870 to 1950. Prerequisites: English 204, senior standing and permission of the instructor. See History 404 and Sociology 404.

Second term

Morrill, Davenport, Sanmann

409. European Drama. A study of drama as a type of literature and a critical reading of Continental plays from Aeschylus to Ibsen. Emphasis

on the literary qualities and social significance of the plays. Permission of the instructor required.

First term (1963-64 and alternate years)

Miss Kennedy

410. Modern Drama. A continuation of English 409, but may be taken separately. Extensive library reading and class discussions of the best modern dramatic productions of Europe and America. Permission of the instructor required.

Second term (1963-64 and alternate years)

Miss Kennedy

412. English Seminar. Problems in English and American literature.

First term

Mr. Morrill

413. Studies in Indo-European Philology. Emphasis is placed on the origin, growth and distribution of the Indo-European languages and on the history, structure and chief modifications of the English language. Permission of the instructor required.

Second term (1963-64 and alternate years)

Mr. Morrill

420. Independent Study. Independent study may be pursued on projects students wish to study thoroughly which are not offered in the usual courses.

Given when requested.

Staff

426. Journalism. Credit for individual study in journalism may be given to a few selected students who are working on the *Oracle*, by permission of the instructor.

Given when requested.

Staff

430. Teaching of Secondary School English.

By special arrangement

Mr. Leever

452. Introduction to Criticism. A seminar course studying the rise of literary criticism among the Greeks and Romans and the evolution of modern critical standards, especially as they may be applied to British and American writers. Prerequisites: English 201, 202; six hours of literature from 300 courses, and permission of the instructor.

Second term (1964-65 and alternate years)

Mr. Morrill

462. Shakespearean Studies. A seminar in which studies will be made of Shakespearean criticism and productions of Shakespeare's plays from 1600 to the present.

(1964-65 and alternate years)

Mr. Morrill

GEOLOGY AND GEOGRAPHY

DONALD L. WILLS, *Associate Professor, Head (leave of absence, 1963-64)*

JOHN C. PALMQUIST, *Assistant Professor*

LYMAN O. WILLIAMS, *Assistant Professor*

Field of Concentration

(a) At least seven term courses in geology, excluding Geology 101-102.

(b) At least five term courses in a related field. These may be taken in one or two departments approved by the adviser.

(c) At least one term of independent study.

No major is offered in geography.

101. Physical Geology. An introduction to the science of the earth. Materials composing the earth and the work of agencies, both external and internal, modifying its surface. Field trips to areas of geologic interest. Open to all students.

First term

102. Historical Geology. A comprehensive review of what is known and inferred about the history of the earth from its beginning to the present time. Field trips to areas of geologic interest. Prerequisite: Geology 101.
Second term

201. Mineralogy. Crystallography; chemical, physical and descriptive mineralogy; geologic occurrences, associations and uses. Prerequisite: first year chemistry, mathematics through trigonometry.
First term

202. Mineralogy. Continuation of Geology 201. Prerequisite: Geology 201.
First term

203. Petrology. Classification, occurrence, origin and hand-specimen recognition of common rocks. Prerequisite: Geology 202.
Third term

301. Structural Geology. Character, classification and origin of rock structures. Prerequisites: Geology 102; first year physics.
First term

302. Geomorphology. Origin, development and classification of land-forms. Prerequisite: Geology 102.
Second term

303. Field Geology. Instruction in field methods and introduction to problems of field geology. A period of two weeks will be spent in the field visiting areas of geologic interest. Prerequisite: Consent of instructor.
Third term

401. Optical Mineralogy. Optical mineralogy; the polarizing microscope; systematic study of rocks with respect to their mineralogy, texture and genesis. Prerequisite: Geology 203.
First term

402. General Paleontology. Fundamental treatment of the basic concepts of paleontology. Systematic consideration of morphology, taxonomy and stratigraphic occurrences of invertebrate fossils. Prerequisite: first year biology; junior standing in geology.
Second term

403. Stratigraphy and Sedimentation. Principles of sedimentation; genetic relations and correlation of rock and time rock units. Prerequisite: junior standing in geology.
Third term

404. Research and Seminar. Readings in geology; independent research; preparation and presentations of papers. Open only to seniors in geology.
First term

405. Research and Seminar. A continuation of 404.
Second term

406. Research and Seminar. A continuation of 405.
Third term

Geography

101. Physical Geography. A systematic study of the physical and biotic environment. Open to all students.
Third term

GOVERNMENT

CARL W. GAMER, *Professor, Head*

HARRY S. MANLEY, *Professor*

CECIL C. BRETT, *Associate Professor and
Director, East Asian Studies Program*

GEORGE D. BEAM, *Assistant Professor*

Field of Concentration

(a) A minimum of eight courses, including Government 201 and 202, 341 or 342 and 404.

(b) A minimum of five courses in one or two related departments, chosen after consultation with the adviser.

101. Introduction to Political Science. A study of the discipline of political science including theory, comparative government, American political institutions, federalism, political parties and foreign policy. Primarily for freshmen.

201. Introduction to American National Government. A study of the federal government and its constitutional development. Prerequisite: sophomore standing.

202. State and Local Government and Politics. A study of the political institutions of the 50 states and their subdivisions (counties, townships, cities, etc.); also, the Constitution of Illinois, to meet one of the Illinois requirements for teachers. This course is a sequence to Government 201, although both can be taken independently. Prerequisite: sophomore standing.

302. Business and Government. See Economics 302.

303. Government and Labor. See Economics 303.

310. Public Finance. See Economics 310.

311. Party and Pressure Politics. A study of the problems and conduct of elections and primaries in the United States. Special studies are made of current political campaigns. Prerequisite: History 101 and 102 or Government 201 and 202 or History 251 and 252, junior standing or consent of the instructor.

First term

320. Citizenship and the Christian Ethic. A study of areas, methods and functions of responsible citizenship in terms of the Judaeo-Christian value system as found in pronouncements of church bodies and official commentaries on these. A study of case histories of various types of action and literature on the subject of responsible citizen-participation in the affairs of local, state, and national government and international affairs. Identification of existing unsolved problems. Opportunity to work on some supervised project to apply knowledge gained. Prerequisite: Government 201 or 202.

Third term

330. Government and Politics in Metropolitan Areas. Organization, administration and functions of government in metropolitan areas; some

special problems. Prerequisite: Government 201 or 202. Junior standing or consent of the instructor.

Second term

341. Foreign Governments, I. A study of government and political activity in England, Canada, France, Germany, Italy, Switzerland, the Scandinavian countries. Prerequisite: History 102 or Government 201 or 202. Junior standing or consent of the instructor.

First term

342. Foreign Governments, II. A study of government and political activity in the USSR and selected countries of Latin America and Africa. Prerequisite: History 102 or Government 201 or 202. Junior standing or consent of the instructor.

Second term

343. Foreign Governments, III. A study of government and political activity in China, Japan and India and Asia in general.

Second term

351. Political Theory to the Eighteenth Century. An historical survey and philosophical analysis of political theory from the time of the Greeks to the close of the seventeenth century. Required reading from the works of Plato, Aristotle, Machiavelli, Hobbes, and Locke. Prerequisite: Government 201 or 202.

First term

352. Modern Political Theory. A continuation of Government 351 from the beginning of the eighteenth century to the present. Required reading from Rousseau, Burke, Hegel, Mill, and Communist, Fascist and Socialist theorists. Prerequisite: Government 201 or 202.

Second term

360. Public Administration. A study of the nature, scope and development of the American administrative system, the theory of organization, staff and auxiliary agencies, chief executive, administrative departments, independent regulatory agencies, government corporations, administrative relationships and science in administration. Prerequisite: Government 201 or 202.

Third term

361. Legislatures and Legislation. A study of the legislative process, methods of getting information, public opinion and special interests, the struggle for power and the public interest. Prerequisite: Government 201 or 202. Junior standing.

Third term

380. World Politics. A study of states in relation to each other; as friends, rivals, contestants; the influence of nationalism, economic rivalry, power politics; causes of conflict, means of resolving conflict and avoiding war. Prerequisite: Government 201 or 202, or History 102.

First term

390. International Law. A study of the growth and nature of international law, substantive and procedural rules, using text and cases; current problems, new developments. Prerequisite: Government 201, 341, 342, or 380, or consent of the instructor.

Second term

391. International Organization. A study of the nature, organization, and functions of international organization, serving political and economic ends.
Third term

395. American Constitutional Law and Theory. A study of leading principles of American Government as developed through judicial interpretation of the Constitution. Prerequisite: Government 201, 202 or consent of the instructor. Junior standing.
First Term

396. American Constitutional Law and Theory. A continuation of 395.
Second term

Seminars and Individual Study

401. Independent Study. Selected readings, written reports, conferences. Prerequisite: junior or senior standing. By arrangement with the instructor.
Third term (1963-64 and alternate years)

402. Soviet Civilization Seminar. An interdepartmental (see Economics 402, English 402 and History 402) or a departmental seminar to study the political and cultural life of the USSR. Prerequisite: consent of the instructor.
By special arrangement

404. Senior Seminar. Required of all majors in government. A schedule of reading, reports and discussion designed to give a broad knowledge of the literature in the discipline of Political Science.
Second term (1963-64 and alternate years)

HISTORY

F. GARVIN DAVENPORT, *Professor, Head*
CECIL C. BRETT, *Associate Professor*
MARY BARTLING CROW, *Assistant Professor*
ROBERT KIRKPATRICK, *Assistant Professor*
DOUGLAS R. SPITZ, *Assistant Professor*

Field of Concentration

- (a) A minimum of seven courses including at least two courses from the 101-103 sequence, either 251 or 252, and 400 and 408. (To qualify for graduate work, the student should have nine courses in history.)
- (b) Five courses in one or two related departments.
- (c) The senior comprehensive examination in history.

101. Western Civilization. The main cultural and political features of Ancient and Medieval Civilization.
First or Third term

Staff

102. Western Civilization. A continuation of 101, but may be taken separately. Emphasis on the Renaissance, Reformation, Commercial Revolution and rise of national states through the Napoleonic era.

Second term

Staff

103. Western Civilization. A continuation of 102, but may be taken separately. Emphasis on the main political, social and economic forces in Europe since 1815.

Third term

Staff

251. American History, 1492-1865. A study of the main political, social and economic factors in the colonial, early national and Civil War periods.

First term

Mr. Davenport

252. American History since 1865. A continuation of 251, but may be taken separately. Emphasis on Reconstruction, rise of big business, agrarian and labor movements and the United States as a world power.

Second term

Mr. Davenport

290. Latin America. Emphasis on the independence movements and the political and social development of the modern republics.

Third term

Mrs. Crow

301. Modern China. Covers the period from 1800 to the present, with emphasis on the impact of the West on China.

Third term

302. Modern Japan. Social, economic and political development of modern Japan, with emphasis on the Japanese response to the problems posed by contacts with the Western world.

Second term

303. Modern India. A study of political, social and economic factors in modern India, with particular attention to British colonialism and the independence movement.

Third term

311. History of Greece. From the Minoan civilization through the Hellenistic period. Emphasis on the social, cultural and political development significant in the context of Western civilization. Not open to freshmen.

First term

312. History of Rome. An interpretation and evaluation of Roman civilization with special emphasis on the role of Rome in the founding of Europe. Not open to freshmen.

Second term

322. Medieval History. A study of medieval social and cultural life and its influence on later history. Prerequisite: History 101 or consent of instructor.

Third term (1964-65 and alternate years)

Mr. Spitz

333. French Revolution and Napoleon. The ancient regime, the enlightenment of the eighteenth century, the revolution and rise of Napoleon. Prerequisite: History 102 or consent of instructor.

First term

Mrs. Crow

334. Nineteenth Century Europe. A study of the industrial revolution, the growth of democracy, nationalism and imperialism from 1815 to 1890.

Second term

Mrs. Crow

335. Twentieth Century Europe. An investigation of European history from 1890 to the present with emphasis on imperial and Nazi Germany as the focal point of European politics.

Third term (1964-65 and alternate years)

Mr. Davenport

341. History of Great Britain. English political and social development from the fifteenth to the eighteenth century.

Second term (1963-64 and alternate years)

Mr. Spitz

342. History of Great Britain. A continuation of 341 but may be taken separately. Growth of the Empire, the development of the modern parliament and political and social reform. England in the two world wars of the twentieth century.

Third term (1964-65 and alternate years)

Mr. Spitz

344. Modern Russia. A study of the political, social and economic developments in Russia in the nineteenth and twentieth centuries. Emphasis on the period since 1856 with special attention to Marxian ideology.

Second term (1964-65 and alternate years)

Mr. Spitz

351. History of American Culture. A study of American intellectual and cultural growth from the colonial period to about 1910. Prerequisite: History 251-252 or consent of the instructor.

First term

Mr. Davenport

353. Twentieth Century America. A study of the social and intellectual life of the United States from about 1910 to the present. Prerequisite: History 351 or consent of the instructor.

Second term

Mr. Davenport

384. History of the South. A study in regional history. Emphasis on the social and economic life of the South from 1800 to 1880.

Third term (1963-64 and alternate years)

Mr. Davenport

Seminars and Individual Study

400. Junior Seminar. Introduction to historical method and research. Individual projects. Required of all history majors in the junior year.

First term

Mr. Davenport

402. Soviet Civilization. Individual projects in the political and cultural life of the USSR. Conducted on the seminar plan. Prerequisite: History 344.

Third term

Mr. Spitz

404. Studies in American Civilization. (See also English 404 and Sociology 404). An integrated historical, social and cultural interpretation of life, thought and institutions in the United States since 1870. Individual projects. Open only to English, history and sociology majors selected by the chairmen of the three departments.

Third term

Mr. Davenport, Mr. Morrill, Mrs. Sanmann

408. Senior Seminar. Individualized study in American or European history. Required of all history majors in the senior year.

Second term

Mr. Davenport

MATHEMATICS

RUPERT D. BOSWELL, JR., *Professor, Head*

LYLE FINLEY, *Professor*

PAUL CRAMER, *Associate Professor*

JAMES MCALLISTER, *Associate Professor (Sabbatical Leave, 1963-64)*

JOHN D. ARRISON, *Assistant Professor*

FERN W. CRAMER, *Instructor*

Field of Concentration

- (a) A major in mathematics shall consist of a minimum of: Mathematics 151, 152, 251, 252, 254, 311, 312, 301, 302 and a seminar or independent study course.
- (b) Students who complete the teacher certification requirements may obtain a major in mathematics consisting of at least ten term courses including mathematics 151, 152, 251, 311, 312, 316 or 401, and a seminar or independent study course.
- (c) Five related courses from one or two other subjects approved by the department.

NOTE: No course numbered below 151 will be counted toward a major in mathematics.

100. Introduction to Mathematics. The number system, sets, axioms, classical and modern geometry, functions and graphs.

105. Mathematics of Finance. Interest, discount, annuities, amortization, sinking funds, bonds, depreciation, elements of actuarial science. Prerequisite: Mathematics 111 or equivalent.

106. Elementary Statistics. A study of central tendency and variability; frequency, binominal, normal and chi-square distributions; correlation and regression; and analysis of variance and applications in related fields. This course usually not open to students who have had Mathematics 152. Prerequisite: Mathematics 100 or equivalent.

110. Essentials of Mathematics. Fundamental operations with natural numbers, inequalities, decimal numbers, percentage, measurement, irrational numbers. Designed for students preparing to teach elementary school mathematics. Enrollment limited to students who have had little or no college mathematics.

131. Principles of Mathematics. Review of some topics in algebra, functions, trigonometric functions and systems of equations. Prerequisite: two and one-half units of high school mathematics.

151. Analytic Geometry and Calculus I. Elements of analytic geometry and of the calculus of functions of one variable. Prerequisite: three and one-half units of high school mathematics or Mathematics 131.

152. Analytic Geometry and Calculus II. A continuation of 151. Prerequisite: Mathematics 151.

251. Analytic Geometry and Calculus III. Continuation of Mathematics 152. Prerequisite: Mathematics 152.

252. Analytic Geometry and Calculus IV. Infinite series, partial derivatives, multiple integrals, introduction to differential equations. Prerequisite: Mathematics 251.

254. Differential Equations. An introduction to ordinary differential equations and their applications. Prerequisite: Mathematics 252.

301. Advanced Calculus. A theoretical development of the calculus of one and several variables including topological concepts, limit theorems, differentiation, integration, series, pointwise convergence and uniform convergence. Prerequisite: Mathematics 252.

302. Advanced Calculus. Continuation of Mathematics 301. Prerequisite: Mathematics 301.

306. Applied Mathematics. Vector analysis, Laplace transform, numerical solutions of ordinary differential equations, partial differential equations, boundary value problems, problems from mathematical physics. Prerequisite: Mathematics 254.

307. Applied Mathematics. Continuation of Mathematics 306. Prerequisite: Mathematics 306.

311. Introduction to Modern Algebra. Rings, integral domains, fields, groups, determinants and matrices. Prerequisite: Mathematics 152.

312. Introduction to Modern Algebra. A continuation of 311. Prerequisite: Mathematics 311.

315. Theory of Numbers. The properties of the whole numbers, divisibility, diophantine equations, prime numbers, congruences, residues, additive number theory. Prerequisite: Mathematics 152.

316. College Geometry. Foundations of plane geometry, geometric constructions, use of loci, fundamental theorems, the harmonic range, systems of circles, inversion. Prerequisite: Mathematics 152.

339. Probability and Statistics. Probability, mathematical expectation, sampling, distributions, testing hypotheses, regression and correlation, analysis of variance. Prerequisite: Mathematics 152.

340. Probability and Statistics. Continuation of Mathematics 339. Prerequisite: Mathematics 339.

341. Functions of a Complex Variable. Algebra of complex numbers, limits, differentiation, analytic functions, integration, series, residues, conformal mappings. Prerequisite or co-requisite: Mathematics 302.

401. Projective Geometry. An axiomatic approach to projective geometry. Prerequisite: Mathematics 152.

411. Introduction to Topology. Metric spaces, general topological spaces, compactness, separation and connectedness. Prerequisite: Mathematics 302.

412. Introduction to Topology. Continuation of Mathematics 411. Prerequisite: Mathematics 411.

421. Independent Study and Seminar. Selected topics in advanced mathematics. Prerequisite: Mathematics 301.

422. Independent Study and Seminar. A continuation of 421.

Astronomy 202. Introduction to Astronomy. A non-laboratory course dealing with basic facts and principles of astronomy.

Engineering 101. Engineering drawing and descriptive geometry. Use of

instruments, orthographic projections, dimensioning, sectioning and pictorial drawing. Representation of points, lines, planes and curved surfaces with applications.

Mr. Cramer

Engineering 102. A continuation of Engineering 101.

Mr. Cramer

Engineering 203. Surveying. Plane and topographical surveying with field work in the use of tape, level and transit. Prerequisite: Mathematics 112 or equivalent.

Engineering 207. Analytic Mechanics. See Physics 207.

MODERN FOREIGN LANGUAGES

DOROTHY DONALD, *Professor of Spanish, Head*

ERIKA BLAAS, *Associate Professor of German*

CONSTANCE HAMPL, *Associate Professor of French*

MOMCILO ROSIC, *Assistant Professor of Russian*

SERGIO A. RIGOL, *Assistant Professor of Spanish*

ARTURO SERRANO, *Assistant Professor of Spanish*

JOHANN STRUTH, *Assistant Professor of German*

ANTOINETTE LEROND, *Instructor in French*

MONA T. MARICH, *Instructor in Russian*

Field of Concentration

- (a) A departmental unit of at least seven term courses, selected with the aid of a departmental counselor, that covers the significant periods of the literature and other aspects of the spoken and written language. Evidence of ability to develop a given linguistic or literary subject involving research, organization and critical judgment through at least one independent study course.
- (b) Five related courses chosen from one or two fields with the approval of the adviser.

Students are encouraged to participate in the foreign study program which provides for a summer, a term, or a year in a foreign country. Contacts in the past have been made with Universite Laval, Quebec; Mexico City College; National University of Mexico; the Sorbonne; Heidelberg; and Freiburg i. Br. Candidates for foreign study must be approved by the department and programs must be planned well in advance.

On the basis of placement examinations, recommendations for courses are made to students who wish to continue a language studied in high school. A proficiency examination provides a means of meeting the foreign language requirement for graduation.

French

101. Elementary. Introduction to spoken and written French. Attention to pronunciation with practice in using the language. Laboratory facilities

provide authentic speech patterns. This course builds a foundation for reading the language.

First or second term

Staff

102. Elementary. A continuation of 101.

Each term

Staff

201. Intermediate. Selected readings of modern literature, with conversational approach. Continued emphasis on oral and written expression, aided by laboratory practice. Introduction to French contributions to the arts and sciences, illustrated by films, slides, tapes and discs.

Each term

Staff

202. Intermediate. A continuation of 201.

Second or third term

Staff

299. Conversation and composition. Practice in fluent speech and correct writing, with discussions and oral and written reports from selected authors and French-language periodicals.

First term

Mlle. Lerond

301. The Novel. Background of the French novel, followed by the interpretation and analysis of outstanding modern authors such as Balzac, Flaubert, Proust and Gide. Use of literary recordings.

First term (1963-64 and alternate years)

Staff

305. Short Story and Essay. Study of: a) the French short story as a literary genre, represented by Maupassant and Anatole France; b) the essay, introduced by Montaigne and cultivated by La Bruyere; and c) criticism by Sainte-Beuve.

Second term (1963-64 and alternate years)

Staff

306. French Theatre. A study of the genres of French classical tragedy and comedy. Study and analysis of the works of Corneille, Racine, Moliere and Voltaire. Alternates with 307.

Second term (1964-65 and alternate years)

Staff

307. French Theatre. Drama of the nineteenth and twentieth century playwrights including Hugo, Musset, Giraudoux, Camus and Sartre.

First term (1964-65 and alternate years)

Staff

308. Moliere. Reading, analysis and discussions of selected plays with emphasis on the classical aspects of language and style.

Third term (1964-65 and alternate years)

Mlle. Lerond

319. Mediterranean Culture, 1500-1650. Aesthetic aspects of the Mediterranean world as reflected in literature, architecture, painting and sculpture. Correlation of historical background. Reading from French, Italian and Spanish literature in the original or in translation. Collaboration with the art and foreign language departments.

Second term (1963-64 and alternate years) Miss Donald, Mrs. Hamilton

320. Individual or Group Study. Specialized study, under guidance of the instructor, of certain aspects or periods of French literature, i.e., Medieval literature, the "Encyclopedists," French lyrics, memoirs and letters, contemporary literature.

Each term

Staff

401. Independent Study. Individual research problems under guidance of the instructor.

Each term

Staff

460. Methods of Teaching Modern Foreign Languages. Discussion, observation and practice in the field of foreign language teaching. Introduction to phonetics and linguistics. Attention given to teaching in elementary grades and practice with audio-visual aids.

Third term (1963-64 and alternate years)

Miss Donald

Reading in the Field of Concentration. See Chemistry 404, Biology 401 and Physics 401. In such courses the department acts as consultant for French-language material.

By special arrangement

Staff

German

101. Elementary. An introduction to the German language, with emphasis on pronunciation and comprehension. Laboratory practice supplements classroom instruction. A foundation for reading and writing the language.

First or second term

Miss Blaas, Mr. Struth

102. Elementary. A continuation of 101.

Second or third term

Miss Blaas, Mr. Struth

201. Intermediate. Extensive reading of modern literature. Continued attention to written expression through diary, letter and essay writing; further practice in conversation through class and laboratory work. Acquaintance with essential aspects of German culture, through such media as monthly German newsreels.

First or third term

Miss Blass, Mr. Struth

202. Intermediate. A continuation of 201.

First or second term

Miss Blaas, Mr. Struth

202S. Intermediate Scientific. Reading and discussion of scientific texts, biographies of scientists and a leading German newspaper. Use of German scientific films, tapes and discs (from Institut für Film und Bild). Primarily for science majors.

First or second term

Miss Blaas

299. Conversation and Composition. Concentrated training in fluent speech and correct writing. Practice with such material as book reviews and written and oral reports in the field of art and music.

Third term

Miss Blaas

301. Introduction to the Study of German Literature. A study of the major works and movements in German literature from the Early Period to the Age of Enlightenment. Extensive use of phonograph records of the "literatur-archiv." Prerequisites: 201-202 or the equivalent.

First term

Miss Blaas

302. Introduction to the Study of German Literature. A continuation of 301 concentrating on the Classical Period through the early twentieth century.

Second term

Miss Blaas

320. Individual or Group Study. Specialized study, under guidance of the instructor, of certain aspects of German literature. Prerequisite: a 300 course or consent of the instructor.

Each term

Miss Blaas

401. Independent Study. Individual research problems under guidance of the instructor. Preparation for studies in Germany.

Each term

Miss Blaas

460. Methods of Teaching German. See French 460.*Third term upon request**Miss Blaas*

Reading in the Field of Concentration. See Chemistry. 404, Biology 401 and Physics 401. In such courses the department of German acts as consultant for German-language material.

*By special arrangement**Miss Blaas*

Spanish

101. Elementary. An introduction to Spanish as a spoken and written language. Regular practice in the classroom and laboratory in hearing and imitating current, realistic speech. Four-fold aim of speaking, comprehending, reading and writing the language.

*First or second term**Staff*

102. Elementary. A continuation of 101.

*Each term**Staff*

203. Intermediate. Continued emphasis on the spoken and written language, aimed toward adequate oral and written expression. Readings from modern literature, with analysis and interpretation. Acquaintance with cultural aspects of Spain and Spanish America.

*Each term**Staff*

204. Intermediate. A continuation of 203.

*Each term**Staff*

299. Conversation and Composition. Further development of fluency in handling the spoken and written language. Subject matter for practice includes literature, geography, current history and other phases of Hispanic civilization. Use of periodicals, records and tapes. Required of majors or substituted by proficiency test.

*First or third term**Mr. Serrano*

305. Modern Spanish Literature. Brief studies of Spanish peninsular literature of the nineteenth and twentieth centuries. The first course deals with prose, emphasizing Perez Galdos, Generation of '98 and Ortega y Gasset. Alternates with 307 and 308.

*First term (1964-65 and alternate years)**Miss Donald*

306. Modern Spanish Literature. A continuation of 305. The study of the Romantic movement in drama and poetry; Benavente, pre-civil war poets and contemporary poets and playwrights. Alternates with 307 and 308.

*Second term (1964-65 and alternate years)**Miss Donald*

307. Spanish American Literature. A consideration of the search for identity of the rising Spanish American nations through their literature. The first course deals with prose, emphasizing such essayists as Rodo, Henriquez Urena, Vasconcelos and Alfonso Reyes. Alternates with 305 and 306.

*First term (1963-64 and alternate years)**Staff*

308. Spanish American Literature. A continuation of 307 dealing with poetry and poetic prose, from Araucana epic to contemporary poets including Neruda, Borges and Torres Bodet. Alternate years with 305 and 306.

*Second term (1963-64 and alternate years)**Staff*

315. Drama of the Golden Age. A study of selected plays of Lope de Vega, Calderon Tirso de Molina and Alarcon with analysis of dramatic structure and ideological concepts of the age. Prerequisite: 300 course. Alternates with 316.

Third term (1964-65 and alternate years)

Staff

316. Cervantes. A study of Cervantes' masterpiece *Don Quijote*, in addition to the *Novelas ejemplares*. Consideration of the life, character and milieu of the author. Prerequisite: 300 course. Alternates with 315.

Third term (1963-64 and alternate years)

Miss Donald

319. Mediterranean Culture, 1500-1650. See French 319.

320. Individual or Group Study. Specialized study, under guidance of the instructor, of certain aspects or periods of Spanish and Spanish American literature; i.e., literature before 1500, Romancero, Picaresque Novel, Chronicles of the Spanish Conquest, Short Story and Essay, Novels of the Mexican Revolution, Contemporary Hispanic Ideology.

Each term

Staff

401. Independent Study. Individual research problems under guidance of the instructor.

Each term

Staff

460. Methods of Teaching Modern Foreign Languages. See French 460.

Third term (1963-64 and alternate years)

Miss Donald

Reading in the Field of Concentration. The Department of Spanish acts as a consultant for Spanish-language material.

By special arrangement

Staff

Russian

101. Elementary. Introduction to the spoken and written Russian language, with emphasis on the distinctive characteristics of the structure of the language. The laboratory affords drills in pronunciation and practice in listening, comprehending and speaking. It also facilitates the acquisition of an active and passive vocabulary and use of grammatical principles.

First term

Miss Marich

102. Elementary. A continuation of 101 including simplified reading of Chekhov.

Second term

Miss Marich

201. Intermediate. Continued emphasis on the oral and written language through laboratory practice. Readings from Russian authors, with audio-visual aids, affording a broader acquaintance with the Russian language and its people.

First term

Mr. Rosic

202. Intermediate. A continuation of 201.

Second term

Mr. Rosic

320. Individual or Group Study. Specialized study, under guidance of the instructor, of certain aspects of literature and other fields of Russian culture.

Third term

Staff

Reading in the Field of Concentration. See Chemistry 404, Biology 401 and Physics 401. In such courses the department acts as consultant for Russian-language material.

By special arrangement

Miss Marich

MUSIC

HEIMO A. LOYA, *Professor, Head*

ELWOOD BALL, *Assistant Professor*

PAUL R. GRISCHKE, *Instructor*

PAUL LYDDON, *Assistant Professor and Artist-in-Residence*

DOUGLAS PETERSON, *Instructor*

GRACE GAWTHROP PETERSON, *Instructor*

It is the aim of the Music Department to provide:

1. Opportunities in performance and classwork for any student to develop an understanding and appreciation of music.
2. A four-year course for students whose interest leads them to concentrate in music as an end in itself or as preparation for graduate study and a professional career.
3. A four-year course which will comply with state requirements in both music and education for students who wish to become supervisors or teachers of music in elementary and secondary schools.

Field of Concentration

- (a) A departmental unit of at least the following courses: Music 102, 103, 201, 202, 321, 322, and two courses in Applied Music (private lessons).
- (b) At least five related courses chosen with the approval of the adviser.

NOTE: A general major should carry, in addition to the above, Music 203, 303, 401 and 402.

A student concentrating in performance should carry two additional courses in Applied Music: Music 203, 401 and 402.

A student preparing for certification in Music Education should carry 311, 312 and 313 or 303 and 314, and another course in Applied Music, as well as the necessary courses in the Education department.

101. Introduction to Music. This course is designed to develop an understanding of music through a study of musical materials, principles of organization and historical styles. Open to all students: those with little or no musical experience should enroll in Section A: prospective majors and those with considerable musical training, Section B.

Each term

Staff

102. Theory of Music I. An approach to the elements of music—melody, harmony, rhythm and form—as employed during the functional harmonic period (eighteenth and nineteenth centuries) through the development of skills in hearing, singing, keyboard, writing and analysis.

Second term

Mr. Lyddon

103. Theory of Music II. A continuation of Music 102.

Third term

Mr. Lyddon

201. Theory of Music III. Advanced Harmony. A continuation of Music 103.

First term

Mr. Lyddon

202. Theory of Music IV. Counterpoint. The principles of modern counterpoint. Analysis and composition of two- and three-part inventions.

Second term

Mr. Lyddon

203. Canon and Fugue. A continuation of Music 202. Advanced study in contrapuntal writing, based on the analysis of the fugues of Bach. The use of fugal devices in classic and modern composition.

Third term (1964-65 and alternate years)

Mr. Ball

301. Composition I. Creative work in small forms and for various mediums. Includes study and analysis of contemporary techniques. Individual study.

First term (1964-65 and alternate years)

Mr. Loya

302. Composition II. Continuation of Music 301. Individual study.

Second term (1964-65 and alternate years)

Mr. Loya

303. Orchestration. Study of the characteristics and potential of orchestral instruments, and of their combination in small groups and in the full orchestra. Arranging original compositions for musical groups on the campus. Individual study.

Third term (1964-65 and alternate years)

Mr. Loya

311. Conducting. Principles and methods of conducting. Technique of the baton. Interpretive study of both choral and instrumental scores. Practical experience in conducting musical groups on the campus.

First term (1964-65 and alternate years)

Mr. Peterson

312. Teaching Music in the Elementary Schools. Music fundamentals, teaching skills and actual teaching methods at different age levels. A comprehensive coverage of music requirements for prospective elementary teachers with special emphasis on singing and functional piano technique.

Third term (1964-65 and alternate years)

313. Choral Techniques. Teaching and administration of vocal music in secondary schools. The general music program, the changing voice, instructional problems and materials for vocal ensembles and operetta production.

Second term (1964-65 and alternate years)

Mr. Peterson

314. Instrumental Techniques. Teaching and administration of instrumental music in public schools. Techniques of group instruction, materials and equipment. Principles and methods of conducting school orchestras and bands, to include an intensive survey of the literature.

Third term (1963-64 and alternate years)

Mr. Loya

321. History and Literature of Music I. Study of works, styles, and musical activity from earliest times to the sixteenth century, including the study of the relationship of the art to contemporary, social, cultural and political circumstances. Emphasis on aural appreciation of style, evolution throughout history. Primarily for music majors. Others with the consent of the instructor.

First term (1963-64 and alternate years)

Mr. Peterson

322. History and Literature of Music II. Continuation of Music 321. From the sixteenth century to the present.

Second term (1963-64 and alternate years)

Mr. Peterson

323. Twentieth Century Music. A study of the contemporary trends in music as manifested in the works of such composers as Stravinsky, Schoen-

berg, Prokofieff, Hindemith, Bartok, Copeland and Barber and an evaluation of the Jazz idiom. Designed to give students a background for intelligent appreciation and understanding of modern music. Prerequisite: 101 or consent of the instructor.

Third term (1963-64 and alternate years)

Mr. Peterson

324. Sacred Music. Music specifically related to the Protestant church. Major sacred works from all periods are heard and discussed. A portion of the term's work is devoted to a critical appraisal of the standard church repertory of anthems, larger choral works, organ literature and hymns. Provision is made in this part of the course for the student to pursue detailed studies pertinent to his major interest.

Second term (1963-64 and alternate years)

Mr. Ball

Seminars and Individual Study

401. Seminar. Primarily for junior and senior majors in music. Areas of study will include topics of special interest to the student, with extensive independent reading and required weekly reports.

First term

Staff

402. Independent Study. Research in an area of specialization. Open only to students completing a major in music.

Second or third term

Staff

Applied Music

Private Lessons. Instruction in solo performance is offered on a uniform basis of one 30-minute individual lesson and one class meeting weekly, with a minimum of one hour's practice daily, for one-sixth credit each term. Music majors may elect to combine two one-sixth units (on a basis of two half-hour lessons and a class period per week) with a minimum of two hours practice daily for one-third credit each term. No credit will be given until the equivalent of a full course has been completed.

Odd numbers indicate a one-sixth credit per term; even numbers, one-third credit.

Music 141 or 142	Organ	<i>Mr. Ball</i>
Music 241 or 242	Organ	<i>Mr. Ball</i>
Music 342	Organ	<i>Mr. Ball</i>
Music 442	Organ	<i>Mr. Ball</i>
Music 145 or 146	Piano	<i>Mr. Lyddon, Mrs. Peterson</i>
Music 245 or 246	Piano	<i>Mr. Lyddon, Mrs. Peterson</i>
Music 346	Piano	<i>Mr. Lyddon, Mrs. Peterson</i>
Music 446	Piano	<i>Mr. Lyddon, Mrs. Peterson</i>
Music 151 or 152	Voice	<i>Mr. Peterson</i>
Music 251 or 252	Voice	<i>Mr. Peterson</i>
Music 352	Voice	<i>Mr. Peterson</i>
Music 452	Voice	<i>Mr. Peterson</i>
Music 155 or 156	Orchestral Instruments	<i>Mr. Loya</i>
Music 255 or 256	Orchestral Instruments	<i>Mr. Loya</i>
Music 356	Orchestral Instruments	<i>Mr. Loya</i>
Music 456	Orchestral Instruments	<i>Mr. Loya</i>

Musical Organizations

264. College Choir. Registration by permission of the instructor. Attendance at choral society rehearsals required (one-sixth credit each term)

Mr. Peterson

265. College Choir. A continuation of 264 (one-sixth credit each term).

Mr. Peterson

266. College Choir. A continuation of 265 (one-hixth credit each term).

Mr. Peterson

261. Orchestra. A laboratory course in the theory and practice of orchestral and chamber music. (one-sixth credit each term)

Mr. Loya

262. Orchestra. A continuation of 261 (one-sixth credit each term).

Mr. Loya

263. Orchestra. A continuation of 262 (one-sixth credit each term).

Mr. Loya

264a. Chorale. Limited to 16 voices. Registration by permission of the instructor (one-sixth credit each term).

Mr. Peterson

265a. Chorale. Continuation of 264a (one-sixth credit each term).

Mr. Peterson

266a. Chorale. A continuation of 265a (one-sixth credit each term).

Mr. Peterson

267. Symphonic Wind Ensemble. Registration by permission of the instructor. (one-sixth credit each term)

Mr. Loya

268. Symphonic Wind Ensemble. A continuation of 267 (one-sixth credit each term).

Mr. Loya

269. Symphonic Wind Ensemble. A continuation of 268 (one-sixth credit each term).

Mr. Loya

(No credit will be given until the equivalent of a full course has been completed.)

PHILOSOPHY

SAMUEL M. THOMPSON, *Professor, Head*
J. PRESCOTT JOHNSON, *Associate Professor*

Field of Concentration

- (a) A departmental unit of at least seven terms in philosophy including either 301, 302 or 303, 304 and two terms of individual study.
- (b) Five related courses chosen from one or two fields with the approval of the adviser.

101. Introduction to Philosophy. An introduction to the general field and methods of philosophy, and the basic problems in the philosophy of science and the philosophy of man and human culture.

Each term

Mr. Thompson

102. Introduction to Logic. A study of logical relations with special em-

phasis upon the development of skill in the logical control and evaluation of thinking.

Second and third terms

Mr. Johnson

210. Advanced Logic. Techniques of symbolic logic and problems of logical theory. Prerequisite: Philosophy 101.

First term

Mr. Johnson

213. Philosophy of Religion. A study of philosophical problems raised by basic religious beliefs and concepts. Open without prerequisite to all students except freshmen. This course is also listed under the Department of Bible and Religion, and may be used to satisfy Bible and Religion requirements.

Third term

Mr. Thompson

301. Greek and Medieval Philosophy. A study of the development of Greek and medieval philosophy, with emphasis on Plato, Aristotle, Augustine and Thomas Aquinas. Special attention will be given to the historical roots of contemporary problems. Prerequisite: 101, or junior or senior standing.

First term (1963-64 and alternate years)

Mr. Thompson

302. Modern Philosophy. A continuation of 301, but may be taken by students who have not had 301. A study of the major philosophers from the Renaissance to the present century. Prerequisite: 101, or junior or senior standing.

Second term (1963-64 and alternate years)

Mr. Johnson

303. Ethics. An analysis of basic moral concepts and a study of their application in personal choice and decision, and of the principal historical and contemporary ethical theories. Prerequisite: 101, or junior or senior standing.

First term (1964-65 and alternate years)

Mr. Johnson

304. Political Philosophy. Theories concerning the nature of the state, the nature of law, the authority of the state and political obligation. A comparison of competing political philosophies. Prerequisite: 101, or junior or senior standing.

Second term

Mr. Thompson

305. Contemporary Philosophy. Twentieth century philosophy, its roots in nineteenth century thought, and present issues in Anglo-American and European philosophy. Prerequisite: 301 and 302, or consent of the instructor.

Second term (1964-65 and alternate years)

Mr. Johnson

306. Oriental Philosophy. A study of the chief schools of thought of China and India, and their influence throughout the Orient. Prerequisite: 301 and 302 or consent of the instructor.

Second term (1963-64 and alternate years)

Mr. Johnson

315. Aesthetics. A study of values in literature, music, painting and other arts, with special attention to the relation of aesthetic experience and judgment to scientific and religious thought. Prerequisite: 101, or junior or senior standing.

First term (1964-65 and alternate years)

Mr. Thompson

316. Philosophy of Science. The nature of scientific knowledge, and development of modern scientific concepts and the relation of science to other methods of inquiry and areas of knowledge. Prerequisite: 101, or junior or senior standing.

Third term

Mr. Johnson

Seminars and Individual Study

Each philosophy major is expected to take at least two individual study courses during each of the junior and senior years. Other juniors and seniors who have satisfied the prerequisites may be admitted to these courses by permission of the instructor.

401. Philosophy Seminar. A study of philosophical methods as exemplified in the work of selected philosophers. Prerequisite: four courses in philosophy.

First term

405. Philosophy of Education. Theories and basic concepts of education in relation to general philosophical issues. Seminar or independent study. Prerequisites: Philosophy 301, 302.

By special arrangement

406. Philosophy of History. A study of theories concerning the nature of historical knowledge and an examination of their assumptions. Seminar or independent study. Prerequisite: Philosophy 301, 302.

By special arrangement

411. Junior Independent Study. Individual reading, reports and papers in areas of special interest to the student. Prerequisite: four courses in philosophy.

Second term

412. Junior Independent Study. A continuation of 411.

Third term

421. Senior Independent Study. Continuation of Philosophy 411 and 412, culminating normally in the preparation of a senior thesis. Prerequisite: Philosophy 412.

Second term

422. Senior Independent Study. A continuation of 421. Prerequisite: 421.

Third term

PHYSICAL EDUCATION

JOSEPH PELISEK, *Assistant Professor, Acting Head*

ROBERT WOLL, *Associate Professor, Director of Athletics*

HENRY ANDREW, *Assistant Professor*

P. O. SMITH, *Assistant Professor*

MARGARET JONES, *Instructor*

MARY FLEMING, *Instructor*

The Physical Education Department aims to provide opportunities for students to grow in an environment that is physically stimulating; socially, emotionally and morally beneficial. This is accomplished by providing activities for every interest and all ranges of ability to satisfy recreational needs both now and for the future under competent guidance.

The curriculum in physical education for men and women is designed to prepare students for teaching physical education, health, safety, coaching athletics and intramural sports and directing recreational activities.

Field of Concentration

- (a) A departmental major of at least seven term courses chosen from the department, including the following courses: 202, 303, 305, 309, 455.
- (b) Two term courses in biology, consisting of Biology 101, 102. Sufficient hours in education and psychology to satisfy state requirements for teachers of physical education. Consult the Education Department.

- (c) Related courses totaling at least five terms chosen from one or two subjects which the student is preparing to teach, after consultation with the adviser.
- (d) Majors in physical education are required to enroll in 12 terms of service classes numbered 100.
- (e) A minor in the field of physical education must complete five term courses including 305.

Intercollegiate Athletics

Intercollegiate competition is carried on in baseball, basketball, cross-country, football, golf, swimming, tennis, track and wrestling.

College Requirement

Freshmen and sophomores are required to complete six terms of satisfactory work in physical education (in courses numbered 100-190) unless excused. Individual exemptions from this requirement for a term at a time will be made by the director of the college health service for medical reasons. Passing a swimming test or receiving credit for a swimming course is a graduation requirement for all students.

A maximum of six term courses in physical education (100-190) will be counted towards graduation.

199. Principles and History of Physical Education. An introductory course in the fundamentals of physical education. Primarily for students intending to go into the field of physical education. Covers the problems of the field as well as the philosophy, aims and objectives of physical education. Includes historic development of physical education, including contributions of the various great cultures.

Staff

202. Teaching of Rhythmic Activities. Designed to prepare men and women physical education majors to teach folk, square and social dance in the junior and senior high school.

Staff

210. Anatomy and Physiology. A study of the structure and function of the human body with specific consideration to normal muscular activity.

Staff

220. Methods of Physical Education in the Elementary School. Methods of teaching physical education in elementary grades with specific emphasis on program content.

Staff

300. Men's — Methods of Coaching and Management of Interscholastic Sports. Lectures and demonstrations in the fundamentals of football, basketball, track and wrestling. Management of athletics, team play in interscholastic sports and treatment of injuries is stressed. Intended to aid students who plan to coach in high schools.

Staff

301. Men's — Methods of Coaching and Management of Interscholastic Sports. A continuation of 300.

Staff

302. Men's — Methods of Coaching and Management of Interscholastic Sports. A continuation of 301.

Staff

303. Methods and Analysis of Teaching Physical Education Activities. Principles and techniques of teaching physical education activities with particular emphasis on the analysis of individual and team sports.

Staff

305. Organization and Administration of Physical Education in the Secondary Schools. The philosophy of physical education and organization of a high school physical education program. For teachers, supervisors and administrators of physical education and athletics in the public schools.

Staff

307. Care and Prevention of Athletic Injuries. For physical education majors who plan to enter the coaching profession. Cause, prevention and cure of injuries most common to competitive sports. Prerequisite: consent of instructor.

Staff

309. Correctives and Adaptives. A study of the human body with respect to injuries most likely to occur in physical education classes and interscholastic athletics. Analysis of human motion, mechanically and anatomically, to include practical body mechanics, corrective exercising and postural training.

Staff

310. Kinesiology. A mechanical and anatomical analysis of human motion. Prerequisite: Physical Education 210.

Staff

315. Mental and Physical Health in Family Living. See Sociology 315.

400. Independent Study. Individual research problems under guidance of the instructor.

By special arrangement

Staff

455. Methods and Curriculum of Health Education. For those responsible in any way for health instruction in the public school. Special consideration given to the selection of material and methods of instruction in establishing primary health habits. Emphasis will be given to drawing up a course of study which will be in line with the Illinois Health and Physical Education law.

Staff

Physical Education Service Classes

These classes are designed to meet the college requirement in Physical Education. Instruction is given in fundamental skills, techniques and participation in individual sports and team games.

- | | |
|----------------------------|-----------------------------|
| 100. Freshman Football | 113. Freshman Swimming |
| 101. Varsity Football | 114. Varsity Swimming |
| 102. Freshman Basketball | 115. Beginning Golf |
| 103. Varsity Basketball | 116. Freshman Baseball |
| 104. Freshman Track | 117. Varsity Baseball |
| 105. Varsity Track | 118. Skating |
| 106. Basketball | 119. Beginning Tennis |
| 107. Touch Football | 120. Advanced Tennis |
| 108. Archery | 121. Freshman Cross Country |
| 109. Wrestling | 122. Varsity Cross Country |
| 110. Handball | 123. Freshman Wrestling |
| 111. Physical Fitness | 124. Varsity Wrestling |
| 112. Folk and Square Dance | 125. Beginning Bowling |

126. Advanced Bowling
 127. Freshman Tennis
 128. Varsity Tennis
 129. Volleyball
 130. Beginning Swimming
 131. Softball
 132. Intermediate Swimming
 133. Freshman Golf
 134. Varsity Golf
 135. Advanced Swimming
 136. Badminton
 137. Trampoline
 138. Social Dance

139. Modern Dance
 140. Movement Fundamentals
 141. Tumbling
 142. Soccer
 143. Hockey
 144. Advanced Physical Fitness
 145. Gymnastics
 160. Advanced Golf
 165. Life Saving
 181. Basic Rifle
 182. Advanced Rifle
 190. Water Safety Instructors' Course

PHYSICS

LYLE W. FINLEY, *Professor, Head*

CHARLES E. SKOV, *Associate Professor*

PAUL CRAMER, *Associate Professor*

JAMES H. MCALLISTER, *Associate Professor (Sabbatical Leave, 1963-64)*

Field of Concentration

- (a) A departmental major of at least seven term courses numbered 103 or higher and including Physics 308 and at least two other courses numbered above 300.
- (b) Five related courses chosen from one or two departments and approved by the physics department.

101. General Physics. Fundamentals of mechanics, heat and sound. Four class meetings and one laboratory period per week. Corequisite: Mathematics 151.

First term

Mr. Finley

101e. General Physics. Fundamentals of mechanics, heat and sound. Four class meetings and one laboratory period per week. Prerequisite: three years of high school mathematics or concurrent registration in college mathematics.

First term

Mr. Skov

102. General Physics. Fundamentals of electricity and magnetism. A continuation of Physics 101. Corequisite: Mathematics 152.

Second term

Mr. Finley

102e. General Physics. Fundamentals of electricity and magnetism. A continuation of Physics 101e.

Second term

Mr. Skov

103. General Physics. Fundamentals of optics and atomic physics. A continuation of Physics 101, 102. Prerequisite: Physics 102, Mathematics 152. (Students who have finished 102e may be admitted to Physics 103 with the consent of the instructor provided they have adequate mathematical background. These students will be required to perform extra work.)

Third term

Mr. Finley

207. Analytic Mechanics. Statics, coplanar forces in space, centroids, center of gravity, friction, moment of inertia, introduction to dynamics.

Prerequisites: Mathematics 152, Physics 103.

First term

Mr. Cramer

208. Analytic Mechanics. Dynamics, rectilinear motion, curvilinear motion and rotation, work, energy and power, dynamics of rotating bodies, plane motion, impulse, momentum and impact. Prerequisites: Physics 207, Mathematics 251.

Second term

Mr. Skov

209. Electronics. Electron dynamics, emission, space charge, vacuum tubes and circuit analysis, amplifiers, voltage multiplication, feedback, noise, oscillators. Four class meetings and one laboratory period each week. Prerequisite: Physics 102 or 102e; Physics 103 recommended.

First term

Mr. Skov

301. Light. Geometric and physical optics. Reflection, refraction, optical instruments, interference, diffraction, dispersion, polarization, laws of radiation, atomic and molecular spectra. Prerequisites: Physics 103, Mathematics 251.

Third term

Mr. Finley

303. Electricity and Magnetism. An intermediate course in principles of electricity and magnetism and electrical measurements. Four class meetings and one laboratory period per week. Prerequisites: Physics 103, Mathematics 254, 309.

Second term

Mr. Skov

304. Electricity and Magnetism. A continuation of the study of the principles of electricity and magnetism. Prerequisite: Physics 303.

Third term

Mr. Skov

305. Thermodynamics. An introductory course in the principles of thermodynamics. Prerequisites: Physics 103, Mathematics 251.

First term

Mr. Finley

308. Atomic Physics. Properties of fundamental particles, atomic energy levels, excitation and emission phenomena, X-ray spectra, periodic arrangement of atoms, radioactivity, isotopes, nuclear structures, transmutations. Prerequisites: Physics 103, Mathematics 251.

Second term

Mr. Finley

309. Vector Analysis. See Mathematics 309.

310. Electronics. An intermediate course in electronics. Prerequisites: Physics 209, Mathematics 254.

Third term (1963-64 and alternate years)

311. Theoretical Physics. Various topics including the special theory of relativity and an introduction to quantum mechanics. Prerequisites: Physics 208, Mathematics 254.

Third term

Mr. Skov

401. Seminar. Special topics in physics. Prerequisite: six courses in physics.

By special arrangement

Staff

403. Advanced Applied Mathematics. See Mathematics 403.

404. Advanced Applied Mathematics. See Mathematics 404.

410. Independent Study. Special topics in advanced theoretical or experimental physics. Prerequisite: seven courses in physics.

First term

Staff

PSYCHOLOGY

HAROLD J. RALSTON, *Professor, Head*
THOMAS J. ERWIN, *Assistant Professor*

Field of Concentration

- (a) A departmental unit of at least seven term courses in psychology including 212, 221, 222 and either 311 or 401, together with necessary preliminary courses in biology and mathematics. Work in physics including sound and light is strongly recommended.
- (b) Five courses chosen from one or two related fields with the approval of the adviser. Suggested fields include biology, sociology, philosophy and mathematics.

212. Elementary Statistics. (See Mathematics 212).

221. General Psychology. Introductory study of the fundamental types of experience and behavior. Open to upperclassmen and third-term freshmen. Prerequisite to all other courses in psychology.

First or third term

Staff

222. Experimental Method. Introduction to methodology in psychology. Statistics, experimental design and theory construction are presented, discussed and implemented in the laboratory.

Second term

Mr. Erwin

223. Abnormal Psychology. Personality disorders and maladjustments, with discussion of the clinical approach to psychotherapy.

Second term (1964-65 and alternate years)

Mr. Ralston

225. Developmental Psychology. Principles of development through childhood and adolescence stressing maturation, concept formation, learning, the concept of readiness and developmental schedules.

First term

Mr. Erwin

301. Perception. The psychology of sensation and perception. Comparative and physiological data in sensation. Laboratory.

Third term (1964-65 and alternate years)

Staff

302. Motivation. A survey of how motivation acts to produce behavior. Includes discussion of primary and secondary drive, hierarchy, and emotional theories of motivation. Laboratory.

Second term (1964-65 and alternate years)

Mr. Erwin

303. Abilities. A study of human abilities and their measurement and the nature and factors involved in individual differences. Laboratory.

Third term (1963-64 and alternate years)

Staff

304. Social Psychology. The relation of personality to society and culture. Attention is given to the psychological aspects of human conflict and mass behavior.

Second term (1963-64 and alternate years)

Mr. Ralston

305. Learning. The process and principles of learning. Includes experimental findings, theories and applications in the educational field. Laboratory.

Second term (1964-65 and alternate years)

Mr. Erwin

306. Cognition. A study of the more complex phenomena in behavior,

such as concept formation, symbolic processes, thought and language, decision making and creative processes. Laboratory.

Third term (1964-65 and alternate years)

Mr. Erwin

309. Problems in Personality. A study of the history and systems of psychology as they relate to the nature of human personality.

By special arrangement

Staff

311. Seminar. Assigned readings, oral and written reports and group discussion on pertinent problems in psychology. Open to majors or those who have had five courses in the field.

By special arrangement

Staff

401. Independent Study. Directed individual study on selected topics in psychology. Weekly written reports and conferences. Required of students majoring in psychology.

By special arrangement

Staff

402. Independent Study. A continuation of 401.

By special arrangement

Staff

403. Advanced Experimental Psychology. A detailed survey of the data, theories and methods of psychology. Basic areas of the curriculum are integrated to attempt to present a unified view of psychology. The laboratory is devoted to original research or repetition of previous experimentation of questionable validity.

By special arrangement

Staff

404. Advanced Experimental Psychology. A continuation of 403.

By special arrangement

Staff

SOCIOLOGY

MADGE STEWART SANMANN, *Professor, Head*

ERNEST H. SHIDELER, *Visiting Professor*

Field of Concentration

(a) One sociology course at the sophomore level, Sociology 301, and 401 or 402.

(b) Courses selected from those numbered 300 or above.

Anthropology 201. Introduction to Anthropology. Brief review of pre-historic race, language and culture, economic and social institutions, religion, art, attitudes and values of native peoples.

First term

Sociology 203. Societies Around the World. A comprehensive, systematic study of the chief types of societies, ranging from the primitive to the advanced industrial, in the major habitats of the world. One society is compared with another as a whole and specifically in terms of the origin of the people, their physical environment, economic system, government, religion, family life, social organization, structure, ideology and socio-cultural change.

Second term

206. The Family. A study of the family as a social institution: its forms, functions, development, organization, factors of disorganization and trends.

First term

301. Introduction to Sociology. Introductory analysis and description of the structure and dynamics of human society. Application of scientific methods to the observation and analysis of composition, social norms, group behavior, social stratification, social institutions and social change.

First term

302. Social Problems. Introductory survey of sociological aspects of important modern social problems. Emphasis on social interrelationship and cultural differences involved in their genesis, significance and amelioration or prevention. Library reading and special reports. Prerequisite: Sociology 301 or consent of instructor.

Second term

304. Home and Family Life. Analysis of psychological and sociological aspects of home and family life. Consideration of necessary early adjustments to significant interpersonal changes basic in the achievement of companionship and emotional interdependence. The development of economic insight, planning and management basic in the economic contribution to family cohesion. Emphasis on individual fulfillment and family unity. Prerequisite: Sociology 206 or consent of instructor.

Second term

305. Population in Transition in the United States: Demography. A study of the composition, distribution, movements and cultural patterns of population and ethnic groups in the United States and its various regions. Attention given to scientific analysis of problems and trends.

First term

306. Social Stratification. System of social ranking with emphasis on class structure of the United States; power, prestige and privilege as related to class differences; the culture and styles of life in different classes, status as determinant of personality, interaction and development; effect of social change and mobility. Prerequisite: Sociology 301.

Second term

308. Sociology of the Community. Nature, structure and functions of various types of communities; their characteristics, group relations and social institutions (home, school, church, government, health, wealth, leisure); modern trends molding rural and urban life. Attention is given to methods of modern redevelopment. Prerequisite: Sociology 301, 302, and/or 305.

Third term (1964-65 and alternate years)

310. Crime and Delinquency. The nature, extent and explanations of crime and delinquency; historical development of criminological thoughts, modern approaches and methods; a review of the theories of treatment and evaluation of programs for prevention and rehabilitation. Prerequisite: Sociology 301.

Third term

312. Racial Tensions and Cultural Conflicts. A survey of racial and cultural conflicts in contemporary civilization; theories of race and culture; relations between racial and cultural groups in specific situations in strategic areas of the world; the status of racial, religious and ethnic minorities in the United States; organizations, programs and social movements designed to improve intergroup relationships. Prerequisite: Sociology 201 and 302.

Second term

314. Introduction to Social Work. A survey of the field of social work. Historical development of social work concepts and philosophy; the present system and organization of social welfare and administration; the role of social work in contemporary society. Prerequisite: Sociology 206, 301, 302.
Third term

315. Mental and Physical Health in Family Living. The mental hygiene approach to tensions, conflicts and crises in the development of family living. Fundamental principles of human nutrition. Selection of diet to meet nutritional needs of children (infancy through adolescence), adults and elderly members of the family. Prerequisite: Sociology 206 or consent of instructor.
Third term

316. Social Change. The implications of science and technology for social change; effects of innovation upon social relationships; theories of social change, social effects of major inventions; a cross-cultural analysis of the processes of "industrialism." Prerequisite: Sociology 301 and 305.
Third term

401. Seminar. Reading and research designed to give a background in historical development, information concerning leaders, techniques and procedures, principles, projects and practices in original field research. Oral and written work required. Open to sociology majors or with the consent of the instructor.
By special arrangement

402. Independent Study. Introduction into an individual problem in a subject of interest to the student. Practice in library research, the use of specific research techniques and procedures and field research. Oral and written work is required. Open to sociology majors or with the consent of the instructor.
Second term

404. Studies in American Civilization. (See also English 404 and History 404). An integral historical, social and cultural interpretation of life, thought and institutions in the United States from 1870 to the present. Conducted on the seminar plan. Prerequisite: open to sociology majors; seniors, or with consent of the instructor and Sociology 401 or 402. English or history majors consult their advisers.
Third term

405. Contemporary Society: Russia. Description and analysis of social, economic and political life against a background of geography, population and development; values and ideology; family and education; communication and public opinion; background place in modern world. Open only to seniors.
(1964-65 and alternate years)

406. Contemporary Society: Cultures of the Far East. The peoples, cultures, economy, religious life, government organization, family life, social organization, ideology and socio-cultural change and development. Open only to seniors.
(1964-65 and alternate years)

407. Contemporary Society: South America. A survey of the cultures of South America emphasizing the types and variety of societies, their characteristic features and changes that have taken place. Attention is given to contemporary social, economic and political problems. Open only to seniors.
(1963-64 and alternate years)

408. Contemporary Society: Africa. A survey of the cultures of Africa and patterns of behavior associated with them. Selected aspects of social and cultural change; consequences of commercialization of land and labor; consequences of Western education; emergent forms of stratification and race relations. Open only to seniors.
(1963-64 and alternate years)

409. Contemporary Society: The Near East. Survey of one or more major areas in terms of regional developments and historical and modern social problems. Open only to seniors.
(1963-64 and alternate years)

403. Urban Sociology: Seminar. An analysis of the urban community. Includes nature, structure, inter-action and relationships evidenced by population, migration, housing, welfare programs and juvenile delinquency.

SPEECH

THOMAS L. FERNANDEZ, *Associate Professor, Acting Head*

JEAN LIEDMAN, *Professor*

PAUL GRAY, *Instructor (leave of absence, 1963-64, 1964-65)*

JAMES DEYOUNG, *Instructor*

Field of Concentration

- (a) A departmental unit of at least seven courses in addition to Speech 101, including 210, 221, 303, 316, 351 and 403.
- (b) At least five related courses.
- (c) Performance in dramatic production and/or intercollegiate forensics.

101. Fundamentals of Oral Communication. Designed to help the student acquire knowledge and skill in selecting and evaluating speech materials, organizing and phrasing ideas, developing effective control of voice and action and evaluating public speeches.

Each term

Staff

102. Advanced Public Speaking. A continuation of Speech 101. Principles of persuasion, speaking for special occasions and parliamentary law.
Third term

Mr. Fernandez

204. Radio Speech. The history and development of radio and television and their influence on society. Prerequisite: Speech 102 and sophomore standing or consent of the instructor.
(1963-64 and alternate years)

Mr. Fernandez

215. Debate Seminar. Open only to those who have won a place on the intercollegiate debate squad. Fractional credit.
By special arrangement

Mr. Fernandez

221. Interpretative Reading. Theory and skill of reading prose and poetry aloud.

First term

Mr. Fernandez

303. Discussion and Debate. The theory of argumentation and the application of it to various forms of discussion and debate. A study of evidence, reasoning, fallacies and briefing. Directed discussions, symposiums, panel discussions and team debating. Prerequisite: Speech 102, or consent of the instructor.
First term (1964-65 and alternate years)

Mr. Fernandez

315. Oration Seminar. Open only to those who have won a place on the intercollegiate debate squad.

By special arrangement

Mr. Fernandez

322. Advanced Interpretative Reading. Reading of advanced prose and poetry, dramatic poetry, classical literature and modern drama. Prerequisite: Speech 221.

Second term (1964-65 and alternate years)

Mr. Fernandez

351. Scientific Bases of Speech. An introduction to voice science and phonetics.

(1963-64 and alternate years)

Miss Liedman

352. Introduction to Speech Correction. A study of the process of normal speech development and the causes and treatment of various speech disorders.

(1963-64 and alternate years)

Miss Liedman

401. Independent Study. An individual program of reading and research under the guidance of the instructor.

By special arrangement

Staff

403. Senior Seminar. Reading and discussion designed to co-ordinate the fields of public address, theatre arts and speech science.

By special arrangement

Staff

410. Independent Study. A continuation of 401.

By special arrangement

Staff

Theater Arts

135. Freshman Workshop. A laboratory course in theatre practice, preparatory to membership in Crimson Masque (dramatic organization). Students learn the rudiments of theatre practice under the supervision of Crimson Masque personnel and the faculty director. Production will consist of two or three one-act plays, directed by the students. No fee is charged for this course and no credit is given, but if a student does satisfactory work he may become a member of Crimson Masque and register for a course in dramatics.

First Term

Mr. DeYoung

136. Freshman Workshop. A continuation of 135.

Second term

Mr. DeYoung

137. Freshman Workshop. A continuation of 136.

Third term

Mr. DeYoung

210. Introduction to Theatre Arts. A reading course designed to introduce the beginning student to basic theatre theory and practice through investigation of selected writings in dramatic theory and criticism, acting, directing and the technical fields of stagecraft and scenic design.

Second term

Mr. DeYoung

215. Stagecraft and Scenic Design. A textbook study of the technical and design elements of the dramatic production, combined with practical exercises in drafting, scenic design, stage lighting, costuming and makeup. A final project allows all students in the course to create a detailed and complete set of plans and designs for a stage production. The work of particularly gifted students may be incorporated into productions of the Monmouth College Theatre.

(1963-64 and alternate years)

Mr. DeYoung

235. Dramatics. Open to students who have satisfactorily passed the probationary requirements of Freshman Workshop and others who may be admitted by special permission of faculty director and Crimson Masque officers. Participation in the production of plays for public performance: acting, work on stage, property, lighting, publicity, makeup, costume and house committees. Fractional credit.

First term

Mr. DeYoung

236. Dramatics. A continuation of 235.

Second term

Mr. DeYoung

237. Dramatics. A continuation of 236.

Third term

Mr. DeYoung

311. Development of the Theatre. A survey of the growth and development of the theatre from prehistoric times to the present. Emphasis on the development of the physical theatre and history of acting and directing. Collateral reading and reporting on representative plays insures the integration of all material with courses in dramatic literature offered by the department of English.

(1963-64 and alternate years)

Mr. DeYoung

316. Principles of Directing. A course designed to introduce the beginning student of directing to the practical and theoretical aspects of his art. Readings from the great directors and writers on stage direction are combined with exercises in play analysis, movement, blocking and other tools of the stage director in order to prepare the student for more advanced work in the field of directing.

First term (1964-65 and alternate years)

Mr. DeYoung

335. Dramatics. Continuation of Dramatics 237. Fractional credit.

First term

Mr. DeYoung

336. Dramatics. A continuation of 335.

Second term

Mr. DeYoung

337. Dramatics. A continuation of 336.

Third term

Mr. DeYoung

435. Dramatics. Continuation of Dramatics 337. Fractional credit.

First term

Mr. DeYoung

436. Dramatics. A continuation of 435.

Second term

Mr. DeYoung

437. Dramatics. A continuation of 436.

Third term

Mr. DeYoung

445. Directing. Production of a play as a laboratory performance or for the public. Prerequisite: 316. Fractional credit.

By special arrangement

Mr. DeYoung

SPECIAL STUDY PROGRAMS

ENGINEERING

Students interested in engineering may take advantage of the binary program sponsored by Monmouth College in cooperation with Case Institute of Technology, Cleveland, Ohio.

Briefly, this program calls for a three-year program of liberal arts study at Monmouth, followed by two years of engineering work at Case Institute. Upon completion of the five-year program the student will receive degrees from Monmouth and the engineering school.

The binary program is designed to provide the engineering student with all the best features of two types of educational work — that of the liberal arts college and the technical engineering school. This combination is of great importance, for in an increasing degree men who have attained eminence as engineers are required to have a broad background in liberal education to carry out their duties as executives in engineering work.

Students may also attend Monmouth College three years and transfer to the Illinois Institute of Technology or University of Illinois. If they follow the program outlined below they may receive an A.B. from Monmouth at the time of graduation from the engineering school.

Freshman Year

I
Math 151
Physics 101
English 101
Art or Music

II
Math 152
Physics 102
English 102

III
Math 251
Physics 103
Speech 101

Sophomore Year

I
Math 254
Chemistry 101
Foreign Language

II
Engineering 101
Math 301
Foreign Language
Hist., Phil., or
Eng. Literature

III
Engineering 102
Chemistry 103
Foreign Language

Junior Year

I
Math 309
Physics 207
Foreign Language

II
Economics 201
Physics 303
Government 201

III
Hist., Phil., or
Eng. Literature
Physics 305
Bible or Religion

WASHINGTON SEMESTER

Students who have demonstrated exceptional academic ability are selected as candidates for this program. The study program at American University in Washington, D. C., is designed to bring superior students into contact with source materials and government institutions at the nation's capitol.

In addition to regular study and a research project, students are required to participate in the Washington Seminar, a course consisting of a series of informal meetings with members of Congress and administration officials. Monmouth College offers full credit for work done under this plan.

JUNIOR YEAR ABROAD

Monmouth College participates in a variety of programs offering foreign study during the junior year. The modern foreign languages department has an exchange agreement with Mexico City College where full tuition for one term is offered by Mexico City College to any Monmouth College student recommended by the modern foreign languages department. Exchange arrangements have also been made with Universite Laval, Quebec, Canada; National University of Mexico, Mexico City; and the University of Guadalajara.

The most extensive "Junior Year Abroad" program is the one sponsored by the United Presbyterian Church, U. S. A. Under this program a student can study in France, Germany, Ghana, Hong Kong, India, Japan, Lebanon, Pakistan, Switzerland and the Philippines.

Main requisites are a good academic record and a concern for international relationships. In some countries special language preparation is necessary.

Students can also do independent study under a program arranged by the Experiment in International Living.

Application for any of the "Junior Year Abroad" programs should be made early in the sophomore year. Cost is \$1,500 to \$2,500 per year. While Monmouth College does not directly sponsor any of these programs, a faculty committee on study overseas maintains contacts with the sponsoring organizations and acts as a clearing-house for applications. This committee will also assist students who wish to apply directly to foreign schools and make independent arrangements.

ARGONNE SEMESTER

The Argonne Semester program, adapted to conform to the three-term, three-course curriculum, offers an opportunity for outstanding science students to study and do research at Argonne National Laboratory in suburban Chicago. Argonne, one of the nation's three major centers for nuclear research, is operated by the University of Chicago for the Atomic Energy Commission.

The program provides for 15 weeks of full-credit study and research at Argonne. A group of 10 outstanding students in biology, chemistry, physics and applied mathematics is selected from the 10 Associated Colleges of the Midwest schools twice yearly.

Students are assigned to Argonne scientists, with whom they work five mornings each week as part-time research assistants. They receive technician-level pay for a 20-hour work week. Afternoons are spent in seminars and research conducted by faculty members from the ACM colleges in residence at Argonne.

CRITICAL LANGUAGES

Through this program, students at Monmouth and 31 other colleges and universities may attend Princeton University for instruction in Arabic, Chinese, Japanese, Persian, Russian and Turkish languages and

related regional studies in the social sciences and humanities. Undergraduates are admitted to Princeton at the end of their sophomore year for either one or two years of instruction and will normally return to Monmouth as seniors to complete their undergraduate education. Admission requirements are a distinguished academic record and one year of the critical language to be studied (this requirement may be met by an intensive summer course such as those given at Columbia, Harvard, Michigan, Stanford, Georgetown, or Yale).

WILDERNESS FIELD STATION

A five-week full-credit summer course sponsored by the Associated Colleges of the Midwest in the Quetico-Superior region is open to 20 outstanding biology and geology students annually. Situated near the Quetico-Superior Wilderness Research Center, the ACM field station uses the resources of the center and emphasizes field studies and individual projects. Four faculty-members from the ACM colleges conduct the course.

URBAN EDUCATION

This Associated Colleges of the Midwest program to prepare college students for teaching careers in urban public schools combines student teaching in the Chicago public schools with instruction in urban sociology and study of urban education. Students spend 16 weeks in Chicago, housed in apartments owned by the University of Chicago and with library and cafeteria privileges at the university. Practice teaching is divided between two schools serving contrasting social and economic areas. There is no extra charge to students selected for the full-credit course.

NURSING

Monmouth College has a nursing program in cooperation with Chicago Wesley Memorial Hospital in Chicago, Illinois. Candidates for the program must spend three academic years on the Monmouth campus, earn a grade-point average of 2.5 or higher and meet all graduation requirements except the senior residence requirement.

Students may major in any program offered by Monmouth but must take certain courses required by the hospital: chemistry, biology, etc. After completing the work at Monmouth, the student enters the School of Nursing at Wesley for 36 months. At the end of the professional course and the granting of the R.N. degree by the hospital, the candidate will be awarded the Bachelor of Arts degree by Monmouth upon recommendation of the School of Nursing.

The hospital, with a bed capacity of 700, affords students an opportunity to observe and study a diversity of disease conditions and to obtain experience caring for these patients. Wesley is accredited by the Joint Commission on Accreditation of Hospitals and approved by the American Medical Association. The School of Nursing is approved by the Illinois State Department of Registration and Education and accredited by the National Nursing Accrediting Service of the National League for Nursing. Instruction is given both at Wesley and in the laboratories and classrooms of Northwestern University Medical School.

CAREER PREPARATION

It is generally conceded that a liberal arts education provides the best foundation for professional and graduate study. The Monmouth program not only allows the student to concentrate in a field closely related to his interest, but also offers him an opportunity to secure a broad, general education.

Most graduate and professional schools now discourage heavy undergraduate specialization and emphasize the values of a broadly based liberal arts education as a preparation for advanced study. A student who enters Monmouth with a well-defined career interest is referred to a faculty-member specially qualified to advise students in this field. The following comments will be helpful to students who plan careers which require advanced study.

Dentistry. See Medicine below.

Engineering. See page 68.

Journalism. After receiving a B.A. degree, students can usually obtain an M.A. in journalism after one year in a professional school. Most newspaper and magazine editors prefer to employ beginners with experience on college publications and a broad liberal arts background. Students interested in journalism careers usually concentrate in English, social sciences or psychology. The weekly campus newspaper, *The Oracle*; the literary magazine, *The Piper*; the yearbook, *The Ravelings*, and the campus radio station, WFS, offer ample opportunity for students to gain practical experience.

Law. The major field for a student planning to enter law school is immaterial. In accordance with a statement of policy from the Association of American Law Schools, pre-legal education at Monmouth is "education from comprehension and expression in words, for critical understanding of human institutions and values, and for creative power in thinking . . . The development of these fundamental capacities is not the monopoly of any one subject-matter area, department or division."

Social sciences, Latin, philosophy and psychology are recommended for inclusion in the student's undergraduate work. The college pre-law club meets regularly to hear representatives from law schools and discuss current trends in the field.

Library Science. After receiving the B.A. degree, students may qualify for a library degree with one year of training in a professional school. Major field is immaterial. Business and industry have opened new fields in specialized library work for students with scientific training. There are opportunities for students with an interest in library science to work in the college library.

Medicine. Although most students who plan to enter medicine or dentistry major in biology or chemistry, a major in any field is acceptable to most medical or dental schools providing certain basic science courses are included. Biology majors fulfilling the departmental requirements automatically meet entrance requirements for most graduate schools. In addition to college graduation requirements, biology majors are required to take Biology 101 and 102, 305, to take College Biology 101 and 102, Comparative Vertebrate Anatomy, Embryology, Physiology, Seminar and Experimental Biology or Research. In related fields of chemistry and physics, biology majors must take Elementary Inorganic Chemistry,

Descriptive Elementary Organic Chemistry, Electrolytic Equilibrium, Elementary Analytical Chemistry and General Physics.

In order to handle the mathematical concepts in the chemistry and physics courses listed above, the student needs to have had the equivalent of mathematics through calculus. Each student's program is an individual matter, carefully planned by the department staff so that the student may take full advantage of every area of study which may be helpful to him.

Medical Technology. Under a program similar to that for medicine and dentistry, students may major in any field providing certain basic course requirements are met. Generally, a B.A. degree with a major in biology or chemistry is taken. A fifth year at a professional school and successful completion of the registry examination will lead to the certificate in Medical Technology.

Ministry. The American Association of Theological Schools recommends a broad liberal arts background as the best preparation for the modern ministry. Concentration in philosophy, religion, history, English, sociology or psychology is acceptable and some knowledge of Greek is a valuable asset. Monmouth's program for training of church education assistants is approved by the United Presbyterian Church Joint Committee of Nine.

The committee notes that the program "has value for students of other communions who are preparing for service in the field of Christian education." The program includes general liberal arts requirements in humanities, social sciences, physical sciences and mathematics and 14 term courses in education, psychology, religion and music.

Teaching. Approximately one-third of Monmouth's graduates enter careers as elementary school, high school or college teachers. Teacher preparation at Monmouth emphasizes mastery of subject matter rather than methods and includes extensive practice teaching in the local school system in Chicago under the ACM Urban Education program. The education department does not offer a field of concentration, but cooperates with other departments in teacher training. Courses meet certification requirements in Illinois and other states, but students planning to teach outside Illinois should consult with the education department for specific state requirements.

As a rule, secondary school teachers must be prepared to teach in their major field and an additional field for certification. Five-year programs leading to a B.A. and M.E. have been instituted in recent years.

Other Careers. Monmouth also prepares students for careers in foreign service, optometry, physical therapy, occupational therapy, secretarial positions, social work, veterinarian medicine, and business.

DIVISIONS OF THE FACULTY

For purposes of administration the departments of the faculty are grouped into three divisions, as follows:

- I. Humanities
 - Art
 - Bible and Religion
 - Classical Languages
 - English
 - History
 - Modern Foreign Languages
 - French
 - German
 - Russian
 - Spanish
 - Music
 - Philosophy
 - Speech
- II. Social Sciences
 - Economics and Business Administration
 - Education
 - Government
 - Physical Education
 - Psychology
 - Sociology
- III. Natural Sciences and Mathematics
 - Biology
 - Chemistry
 - Geology
 - Mathematics
 - Physics

THE FACULTY

Gibson, Robert W.

1952*

President. A.B., Muskingum College, 1918; B.D., Pittsburgh Theological Seminary, 1921; D.D., Westminster College, 1934; LL.D., Sterling College, 1951; Litt.D., Maryville College, 1957; Ped.D., Bradley University, 1959; Ohio State University, summer, 1918.

Professors Emeriti

James Harper Grier, President Emeritus, Claremont, California.

Emma Gibson, Professor of Latin, Emerita, Glendale, California.

William S. Haldeman, Professor of Chemistry, Emeritus, San Diego, California.

Thomas Hoffman Hamilton, Professor of Appreciation of Art, Emeritus, Monmouth, Illinois.

Mary Inez Hogue, Registrar Emerita, Claremont, California.

Francis Mitchell McClenahan, Professor of Geology, Emeritus, Tucson, Arizona.

*Joined Monmouth College Faculty

Mary E. McCoy, Librarian Emerita, Monmouth, Illinois.

Frank W. Phillips, Professor of Education, Emeritus, La Mesa, California.

Officers of Instruction

- Aduddell, Robert** 1961
Instructor in Economics and Business Administration. B.A., Drake University, 1955; Northwestern University, 1958-1961.
- Allison, David C.** 1962
Assistant Professor of Biology. B.S., University of Illinois, 1956; M.S., *ibid.*, 1957; Ph.D., Pennsylvania State University, 1960.
- Andrew, Henry W.** 1962
Assistant Professor of Physical Education. B.A., State College of Iowa, 1953; M.A., State University of Iowa, 1960.
- Arrison, John D.** 1962
Assistant Professor of Mathematics. B.S., Michigan State University, 1956; M.S., *ibid.*, 1958.
- Ball, Elwood H.** 1953
Assistant Professor of Music and Dean of Men. B.Mus., University of Michigan, 1947; M.Mus., *ibid.*, 1952; summer sessions, *ibid.*, 1947-49; University of Michigan, 1950-1953; *ibid.*, Teaching Fellow, 1951-1953.
- Beam, George D.** 1963
Assistant Professor of Government. B.A., Westminster College, 1956; M.A., University of Pittsburgh, 1957; Ph.D., University of Michigan, 1963.
- Beste, Margaret C.** 1949
Registrar. A.B., Wheaton College, 1940.
- Blaas, Erika** 1956
Associate Professor of German. Ph.D., University of Innsbruck, Austria, 1949; Fulbright Fellow, University of Wisconsin, 1950-1951; Karls Universitat, Prague, 1943-1944; Universitat Graz, Austria, 1945-1947.
- Blum, Harlow B.** 1959
Assistant Professor of Art. B.F.A., University of Illinois, 1956; M.A., Michigan State University, 1959; Syracuse University, summer, 1962.
- Boswell, Grace H.** 1962
Assistant Professor of English. A.B., LaGrange College, 1949; M.A., University of Georgia, 1952; Alumni Foundation Fellow, *ibid.*, 1954-55. Ph.D., *ibid.*, 1960.
- Boswell, Rupert D., Jr.** 1962
Professor of Mathematics. B.A., Mississippi State University, 1950; M.S., *ibid.*, 1951; Ph.D., University of Georgia, 1957.
- Bowman, Milton L.** 1959
Associate Professor of Biology. B.S., University of Louisville, 1951; M.A., University of Missouri, 1954; Ph.D., University of Missouri, 1959.
- Bradford, Anne M.** 1946
Library Cataloger. A.B., Monmouth College, 1935; B.S. in L.S., University of Illinois, 1948; University of Iowa.
- Brett, Cecil D.** 1963
Associate Professor of Government and History and Director, East Asian Studies. B.A., University of British Columbia, 1948; M.A., University of Washington, 1950; Ph.D., University of Michigan, 1956.
- Buchholz, Robert H.** 1950
Professor of Biology. B.S., Fort Hays State College, 1949; M.S., Kansas State College, 1950; Ph.D., University of Missouri, 1957; Associated Col-

leges of the Midwest program at Argonne National Laboratory, 1962-63.
Leave of absence, 1963-64.

Cleland, Eva H. 1923; 1951

Professor of English. A.B., Washington State College, 1919; A.M., *ibid.*, 1925; University of California, summer, 1928; University of Michigan, summer, 1932; University of Chicago, summer, 1933; Cambridge University, summer, 1936; Columbia University, summer, 1953, 1958; University of California, summer, 1959.

Cramer, Fern W. 1946, 1957

Instructor in Mathematics. B.S.E., University of Arkansas, 1931; University of Illinois. (Part-time)

Cramer, Paul 1946

Associate Professor of Mathematics and Engineering. A.B., Illinois College, 1925; M.A., University of Illinois, 1926; University of Chicago.

Crow, Mary B. 1946

Assistant Professor of History. A.B., Monmouth College, 1941; Ph.M., University of Wisconsin, 1945; *ibid.*, summer, 1942.

Davenport, Francis Garvin 1947

Professor of History and Director, Summer Session. A.B., Syracuse University, 1927; A.M., *ibid.*, 1928; Ph.D., Vanderbilt University, 1936; Fellow, University of Illinois, 1928-1930; Fellow, Vanderbilt University, 1936; Social Science Research Council Fellow, 1941-1942.

Davenport, Katye L. 1949

Instructor in Education. A.B., Mississippi State College for Women, 1930; A.M., Peabody College, 1937; Mississippi Program for the Improvement of Instruction, 1933-1938. (Part-time)

DeYoung, James 1963

Instructor in Speech. A.B., Beloit College, 1959; A.M., Bowling Green University, 1960.

Donald, Dorothy 1932

Professor of Spanish. A.B., Indiana University, 1921; A.M., *ibid.*, 1929; Ph.D., University of Wisconsin, 1941; Middlebury College, summer, 1923; Centro de Estudios Historicos, Madrid, 1929-1930; Universidad Nacional de Mexico, summer, 1935; Universite Laval, Quebec, summers, 1952, 1958; Universidad Internacional Santander, summer, 1959.

Erwin, Thomas J. 1961

Assistant Professor of Psychology. A.B., Missouri Valley College, 1950; M.A., University of Missouri, 1956; University of Kansas City, 1953, 1956; University of Missouri, 1959-1960.

Fernandez, Thomas L. 1963

Associate Professor of Speech. B.A., Marietta College, 1952; M.A., University of Alabama, 1953; Ph.D., University of Missouri, 1959.

Finley, Lyle W. 1931

Professor of Physics. A.B., Monmouth College, 1924; A.M., University of Illinois, 1925; University of Chicago, summer, 1927; University of Colorado, summer, 1929; University of Illinois, summer, 1935; Cornell University, 1939-1940; *ibid.*, summers, 1936-37; University of Minnesota, summer, 1953; Georgetown University, summer, 1959.

Fleming, Mary H. 1962

Instructor in Physical Education. B.S., MacMurray College, 1946. (Part-time)

Fox, Bernice L.

1947

Associate Professor of Classics. A.B., Kentucky Wesleyan College, 1932; Graduate Assistantship, University of Kentucky, 1933-1936; M.A., *ibid.*, 1934; Research Fellowship, Ohio State University, 1936-1941.

Gamer, Carl W.

1946

Professor of Political Science. Ph.B., University of Chicago, 1922; S.T.B., Boston University, 1925; M.A., University of Illinois, 1937; Ph.D., *ibid.*, 1940; Pioneer University World Cruise, 1926-27; Institute of International Studies, Geneva, summer, 1927; Stutz *Kirchenrechtliches Institut*, University of Berlin, 1938-39.

Gray, Paul H.

1961

Instructor in Speech. A.B., Marietta College, 1959; A.M., University of Illinois, 1960. Leave of absence, 1963-64, 1964-65.

Grischke, Paul R.

1963

Instructor in Music. B.A., Michigan State University, 1960; M.M., *ibid.*, 1963.

Hamilton, Martha M.

1937

Assistant Professor of Art. B.A., University of North Carolina, 1923; M.Ed., Harvard University, 1932; Harvard Graduate School for Education, 1923-1925; University of Chicago, summers, 1934, 1935, 1936, 1937; Cornell University, summer, 1959.

Hampl, Constance

1963

Associate Professor of French. B.A., University of Wisconsin, 1927; Certificat d' Etudes, University de Grenoble, France, 1931; Certificat de Phonetique, *ibid.*, 1932; Diploma de Hautes Etudes, *ibid.*, 1933; M.A., University of Wisconsin, 1936; Ph.D., *ibid.*, 1944.

Herbsleb, James R.

1956

Professor of Economics and Business Administration. B.A., College of the Pacific, 1947; M.A., Temple University, 1949; LL.B., School of Law, Temple University, 1949; Bryn Mawr College, 1956; Case Institute of Technology, summer, 1957; Indiana University, summer, 1959; University of Chicago, summer, 1960.

Hauge, Harris

1963

Head Librarian. B.A., St. Olaf College, 1949; M.A., University of Minnesota, 1951.

Johnson, J. Prescott

1962

Associate Professor of Philosophy. A.B., Kansas City College, 1943; A.B., Kansas State College, 1946; M.S., *ibid.*, 1948; Ph.D., Northwestern University, 1959.

Jones, Berwyn E.

1963

Assistant Professor of Chemistry. A.B., Nebraska Wesleyan University, 1958; Ph.D., Kansas State University, 1963.

Jones, Margaret

1962

Instructor in Physical Education. B.A., Monmouth College, 1954.

Kennedy, Adele

1946

Associate Professor of English. B.A., University of Iowa, 1927; M.A., *ibid.*, 1928; University of Iowa, summer, 1930; Columbia University, summer, 1937; University of Iowa, summer, 1947; University of Colorado, summer, 1960; University of Iowa, summer, 1961.

Ketterer, John J.

1953

Professor of Biology. B.S., Dickinson College, 1943; Ph.D., New York University, 1953.

- Kirkpatrick, Robert** 1963
Assistant Professor of History. B.A., Monmouth College, 1942; M.A., Washington University, 1947; D. Phil., Oxford University, 1953.
- Kori, Gangadhar S.** 1963
Visiting Professor of Economics. B.Sc., Bombay University, 1947; Matriculation, *ibid.*, 1943; M.S., University of Minnesota, 1955; Ph.D., South Dakota State College, 1959.
- Leever, Richard S.** 1961
Associate Professor of English. B.A., Illinois College, 1947; M.A., University of Texas, 1949; Ed.M., University of Illinois, 1954; Ph.D., *ibid.*, 1961.
- Lerond, Antoinette** 1962
Instructor in French. Baccalaureat, Universite de Nancy, 1946; Certificat d' Aptitude Pédagogique, Universite de Nancy, 1962.
- Liedman, Jean** 1936
Professor of Speech and Dean of Women. A.B., Monmouth College, 1927; A.M., University of Wisconsin, 1935; Ph.D., *ibid.*, 1949; University of Pittsburgh, summers, 1929-30; University of Colorado, summer, 1936; University of Southern California, summer, 1947; Syracuse University, summer, 1956; University of Denver, summer, 1960.
- Link, Florence I.** 1961
Reference-Documents Librarian and Instructor in Library Science. B.A., Jamestown College, 1927; B.L.S., University of Minnesota, 1949.
- Loya, Heimo** 1936
Professor of Music. B.Mus., Chicago Musical College, 1936; A.B., Monmouth College, 1938; M.A., University of Iowa, 1941; violin with Max Fischel; composition and orchestration with Louis Gruenberg; composition with Wesley La Violette; counterpoint with Gustav Dunkelberg; conducting with Rudolph Ganz and Christian Lyngby; Chicago Musical College, summer, 1949; University of Iowa, summers, 1938, 1939, 1940, 1955, 1956; second semester, 1956-57; University of Colorado, summer, 1959.
- Lyddon, Paul W.** 1960
Artist-in-Residence and Assistant Professor of Music. B.Mus., Eastman School of Music, University of Rochester, 1954; M.Mus., University of Illinois, 1955; Graduate School Fellowship, University of Illinois, 1954-55; The Catholic University of America, summer, 1959; Eastman School of Music, University of Rochester, summer, 1961.
- Manley, Harry S.** 1961
Academic Dean and Professor of Government. A.B., Westminster College, 1942; LL.B., University of Pittsburgh, 1945; Ph.D., Duke University, 1955.
- Marich, Mona T.** 1963
Instructor in Russian. B.A., Mount Holyoke College, 1963. (Part time.)
- McAllister, James H.** 1957
Associate Professor of Physics and Mathematics. A.B., Peru State Teachers College, 1938; M.A., University of Nebraska, 1950; University of Iowa, summer, 1955; University of Kansas, summers, 1957, 1959, 1960; Michigan College of Mining and Technology, summer, 1961; Associated Colleges of the Midwest program at Argonne National Laboratory, 1962-63; Sabbatical Leave, 1963-64.
- Meyer, Robert B.** 1962
Assistant Professor of Chemistry. A.B., Oberlin College, 1957; American

Cyanamid Scholar, Oberlin College, 1956-1957; Ph.D., James B. Duke and American Cyanamid Fellow, Duke University, 1960.

Morrill, Allen C. 1953

Professor of English. A.B., Brown University, 1926; M.A., *ibid.*, 1928; M.A., Harvard University, 1932; Ph.D., *ibid.*, 1937.

Nicholas, Albert 1948

Professor of Education. A.B., Carthage College, 1922; A.M., University of Illinois, 1933; *ibid.*, summers, 1931-33; University of Colorado, summer, 1941.

Palmquist, John C. 1962

Assistant Professor of Geology. A.B., Augustana College, 1956; M.S., State University of Iowa, 1958; Ph.D., *ibid.*, 1961.

Pelisek, Joseph J. 1957

Assistant Professor of Physical Education. A.B., Cornell College, 1948; M.A., New Mexico Highlands University, 1951; Iowa State University, 1956; *ibid.*, summers, 1955, 1957, 1959, 1962.

Peterson, Douglas R. 1962

Instructor in Music. B.A., Grinnell College, 1950; B.M.E., Florida State University, 1951; M.A., University of Iowa, 1954; Workshop in Choral Art, San Diego State College, summers, 1955-58; Royal Conservatory of Music, Toronto, summer, 1959; University of Iowa, 1960-62.

Peterson, Grace Gawthrop 1922

Instructor in Music. Graduate, Monmouth College Department of Music, 1922 (Part-time).

Ralston, Harold J. 1946

Professor of Classics. A.B., Tarkio College, 1922; A.M., *ibid.*, 1923; Th.B., Pittsburgh Theological Seminary, 1927; M.A., Princeton University, 1928; Ph.D., University of Iowa, 1930; University of Pittsburgh, 1926-1927; University of Chicago, summer, 1938; Northwestern University, summer, 1957; University of Michigan, summers, 1959, 1961, 1962.

Rigol, Sergio A. 1963

Assistant Professor of Spanish. Bachiller en Letras, Instituto No. 1, Havana, Cuba, 1950; Licenciada en Letras, University of Havana, Cuba, 1955; Doctor en Filosofia, *ibid.*, 1960.

Roberts, David 1963

Assistant Professor of English. A.B., Texas Southern University, 1960; M.A., University of Iowa, 1961; M.F.A., *ibid.*, 1963.

Rosic, Momcilo 1959

Associate Professor of Modern Languages. A.B., Military Academy, Belgrade, Yugoslavia, 1937; A.M., *ibid.*, 1937; Ph.D., University of Bonn, 1950. (Part-time)

Sanmann, Madge S. 1949

Professor of Sociology. A.B., Monmouth College, 1921; B.S., University of Illinois, 1923; A.M., Northwestern University, 1940; Ph.D., *ibid.*, 1948; *ibid.*, summers, 1941, 1942, 1943.

Serrano, Arturo 1961

Assistant Professor of Spanish. B.A., Instituto Cardenal Cisneros, Madrid, 1930; Facultad de Filosofia y Letras, Universidad Central, Madrid, 1932-1936; Diploma of Official Translator in Spanish and English,

Ministry of National Education, Colombia; Universidad Nacional de Colombia, 1959-1961; Universidad Nacional Pedagogica Feminina, Colombia, 1959-1961.

Shawver, Benjamin T. 1946
Professor of Chemistry and Education. B.S., Parsons College, 1932; M.A., Columbia University, 1950; Ed.D., *ibid.*, 1952.

Shideler, Ernest H. 1963
Visiting Professor of Sociology. A.B., Ottawa University, 1915; M.A., University of Chicago, 1917; Ph.D., *ibid.*, University of Chicago, 1927.

Shoemaker, Homer L. 1961
Instructor in Accounting. B.S., University of Denver, 1950. Certified Public Accountant, 1961. (Part-time)

Skov, Charles E. 1963
Associate Professor of Physics. A.B., Kearney State Teachers College, 1954; Ph.D., University of Nebraska, 1963.

Smith, P. O. 1962
Assistant Professor of Physical Education. B.S., Springfield College, 1950; M.A., Columbia University Teachers College, 1951; Pennsylvania State University, summers, 1953, 1954, 1955.

Speel, Charles J., II 1951
Professor of Bible and Religion, John Young Chair of Bible. A.B., Brown University, 1939; S.T.B., Harvard University, 1949; S.T.M., *ibid.*, 1950; Ph.D., *ibid.*, 1956.

Spitz, Douglas R. 1957
Assistant Professor of History. A.B., Swarthmore College, 1949; M.A., University of Nebraska, 1955; *ibid.*, 1955-57, 1960-61.

Struth, Johann F. 1962
Assistant Professor of German. Abitur degree, Realgymnasium, Mainz, Germany, 1947; A.B., Jacksonville State Teachers College, 1956; Gutenberg University, Mainz, 1948-52; University of Texas, 1959.

Thiessen, Garrett W. 1930
Pressly Professor of Chemistry. A.B., Cornell College, 1924; M.S., University of Iowa, 1925; Ph.D., *ibid.*, 1927; Associated Colleges of the Midwest program at Argonne National Laboratory, 1960-61.

Thompson, Samuel M. 1926
Alumni Professor of Philosophy. A.B., Monmouth College, 1924; A.M., Princeton University, 1925; Ph.D., *ibid.*, 1931.

Tsukamoto, Jack T. 1963
Assistant Librarian. B.A., Austin College, 1955; M.A., M.L.S., University of Texas, 1963.

Weeks, J. Stafford 1959
Associate Professor of Bible and Religion and College Chaplain. A.B., Juniata College, 1942; B.D., United Theological Seminary, 1945; Ph.D., University of Chicago, 1962; Gettysburg Theological Seminary, 1945-1947; University of Chicago, 1948-1953.

Williams, Lyman O. 1963
Assistant Professor of Geology. B.S., University of Georgia, 1955; M.S., State University of Iowa, 1956; Ph.D., *ibid.*, 1962.

Wills, Donald L.

1951

Associate Professor of Geology. B.S., University of Illinois, 1949; M.S., *ibid.*, 1951; University of Indiana, summer, 1959; leave of absence, 1963-64.

Wingo, Charles E.

1958

Professor of Education. A.B., Furman University, 1924; M.A., Cornell University, 1937; University of Chicago, summers, 1939-40; Purdue University, summer, 1946; University of Colorado, summer, 1953.

Woll, Robert G.

1935

Associate Professor of Physical Education. B.S., Monmouth College, 1935; M.S., University of Illinois, 1941; University of Illinois, summers, 1937, 1938, 1940; Western Illinois University, summer, 1961.

OFFICERS OF ADMINISTRATION

Robert W. Gibson, A.B., B.D., D.D., LL.D., Litt.D., Ped.D.	President
Harry S. Manley, A.B., LL.B., Ph.D.	Academic Dean
Jean Esther Liedman, A.B., A.M., Ph.D.	Dean of Women
Elwood H. Ball, B.Mus., M.Mus.	Dean of Men
Mrs. H. A. Loya	Secretary to the President
Paul W. LaDue, B.S.	Business Manager
Donald Kettering, A.B.	Assistant to the Business Manager
David D. Fleming, A.B.	Director of Development and Public Relations
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L. Del Bowker, A.B., LL.B.	Director of Student Aid and Placement
John S. Niblock, A.B.	Director, News Bureau and Publications
Glen D. Rankin, A.B.	Director of Admissions
David L. Arnold, A.B.	Admissions Counselor
Donald Ingerson, A.B., M.A.	Admissions Counselor
Robert H. Riggle, A.B.	Admissions Counselor
Ned Whitesell, A.B., M.A.	Admissions Counselor
Miss Margaret Beste, A.B.	Registrar
Miss Dorothy E. Whaling	Assistant Registrar
Harris Hauge, B.A., M.A.	Librarian
Mrs. John Bradford, A.B., B.S. in L.S.	Catalog Librarian
Jack Tsukamoto, B.A., M.A., M.L.S.	Reference Librarian
Miss Florence I. Link, A.B., B.L.S.	Periodicals-Documents Librarian
James Ebersole, M.D.	Medical Director
James Marshall, M.D.	Medical Director
Paul Bunn, A.B., M.A.	Superintendent of Buildings and Grounds
Mrs. Ruth French	Director of Internal Maintenance

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Monmouth College Board of Directors

- Robert W. Gibson**, President, Monmouth College, Monmouth, Illinois ex officio.
- Dr. Roger J. Fritz**, Chairman of the Board; Secretary, John Deere Foundation, Moline, Illinois. Term expires 1964.
- Chalmer Spiker**, Treasurer of the College; President, National Bank of Monmouth, Monmouth, Illinois. Term expires 1966.
- Mrs. Frederick H. Lauder**, Secretary of the Board, Monmouth, Illinois.
- Robert Acheson**, District Commercial Manager, Illinois Bell Telephone Company, Western Springs, Illinois. Term expires 1966.
- Ralph C. Allen**, Chairman of the Board, R. C. Allen Business Machines, Inc., Grand Rapids, Michigan. Term expires 1964.
- John Bailar, Jr.**, Professor of Inorganic Chemistry, University of Illinois, Urbana, Illinois. Term expires 1965.
- Paul Barnes**, Attorney; Foley, Sammond and Lardner, Milwaukee, Wis. Term expires 1966.
- Donald Beste**, Attorney; Miller, Westervelt and Johnson, Peoria, Illinois. Term expires 1966.
- Merton Bowden**, President, Monmouth Trust and Savings Bank, Monmouth, Illinois. Term expires 1964.
- Richard Braun**, Pastor, John Knox United Presbyterian Church, Youngstown, Ohio. Term expires 1965.
- Ralph Douglass**, Professor Emeritus of Art, University of New Mexico, Albuquerque, New Mexico. Term expires 1964.
- Dwight Eckerman**, Executive Director, Economic Club of New York, New York, New York. Term expires 1965.
- Robert Hendren**, Executive Vice President, Chicago Bridge and Iron Company, Oak Brook, Illinois. Term expires 1965.
- Patricia Hofstetter**, Judge, Whittier Municipal Court, Whittier, California. Term expires 1965.
- Gordon Jackson**, Dean, Pittsburgh Theological Seminary, Pittsburgh, Pa. Term expires 1964.
- Russell M. Jensen**, M.D., Physician and Surgeon, Monmouth, Illinois. Term expires 1965.
- Robert Kempes**, Youth Secretary, Board of Christian Education, U.P. Church, Philadelphia, Pa. Term expires 1965.
- John J. Kritzer**, Attorney, Monmouth, Illinois. Term expires 1966.
- James Lexvold**, Executive Vice President, Enterprise Wire Company, St. Charles, Ill. Term expires 1966.
- Dan Gold Long**, Pastor, Broadway Presbyterian Church, Rock Island, Illinois. Term expires 1966.
- James Marshall**, M.D., Physician, Monmouth, Illinois. Term expires 1966.
- Graham McMillan**, Vice President, Commercial Solvents Corporation, Terre Haute, Ind. Term expires 1966.
- Hugh Moffett**, Assistant Managing Editor, Life Magazine, New York, New York. Term expires 1966.
- James Munn**, Vice President, People's State Bank, Westhope, North Dakota. Term expires 1966.
- Cyrus Osborn**, Executive Vice President, (Retired) General Motors Corporation, Detroit, Michigan. Term expires 1966.
- Kermit Peterson**, Pastor, First United Presbyterian Church, Galesburg, Illinois. Term expires 1965.

- Blair A. Phillips, Jr.**, General Partner, Shearson, Hammill and Co., Chicago, Ill. Term expires 1966.
- Ivory Quinby**, Partner, Quinby-McCoy Insurance Agency, Monmouth, Illinois. Term expires 1965.
- Neal Sands**, President, Valley Bank and Trust Company, Des Moines, Iowa. Term expires 1966.
- John Service**, Sales Manager, Spreader Works, Deere and Company, Moline, Illinois.
- Simon G. Stein, III**, Chairman, Board of Directors, Central State Bank of Muscatine; Vice President, Kent Feeds, Inc., Muscatine, Iowa; Chairman, Board of Directors, Grain Processing Corporation, Muscatine, Iowa. Term expires 1966.
- Kenneth G. Sturtevant**, Chairman, Board of Directors, Midwest Division, The Borden Company, Rock Island, Illinois. Term expires 1965.
- Paul E. Warfield**, President, Warfield-McCullough Lumber Co., Monmouth, Illinois. Term expires 1966.
- Donald G. Whiteman**, Vice President and Cashier, Northern Trust Company, Lake Forest, Illinois. Term expires 1965.
- H. Donald Winbigler**, Dean of Students, Stanford University, Palo Alto, Calif. Term expires 1965.
- W. McClean Work**, First Vice President (Retired), Ketchum, Incorporated, Pittsburgh, Pa. Term expires 1966.

Monmouth College Board of Directors Committees for 1963-64

Academic Affairs:

John Bailar, Jr., Chmn.
Paul Barnes
Donald Beste
Dwight Eckerman
Patricia Hofstetter
Gordon Jackson
Graham McMillan
Kermit Petersen

Degrees and Nominations:

Cyrus Osborn, Chmn.
Dan Gold Long
Russell Jensen

Financial & Bus. Affairs:

John Service, Chmn.
Paul Warfield } Bus. Affairs
Ivory Quinby }
Robert Hendren
Ralph C. Allen
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Blair Phillips
Chalmer Spiker } Investments
John J. Kritzer }
James Munn
Simon Stein

Development:

Donald Whiteman,
 Chmn.
James Lexvold
Hugh Moffett
Neal Sands
W. McClean Work

Student Affairs:

Robert E. Acheson,
 Chmn.
Richard Braun
Ralph Douglass
Robert Kempes
James Marshall
Kenneth Sturtevant
H. D. Winbigler

Executive Policy Committee

Robert W. Gibson, Roger J. Fritz, Robert Acheson, John Bailar, Cyrus Osborn, Ivory Quinby, John Service, Chalmer Spiker, Kenneth G. Sturtevant, Donald Whiteman.

GENERAL INFORMATION

History

Monmouth College was founded in 1853 by Presbyterians of Scottish descent and is affiliated with the United Presbyterian Church, U. S. A. From 1853 to 1856 the school was a preparatory school for ministers of the Associate Reformed Presbyterian Church, the church of the founders. The college received its charter from the general assembly of the State of Illinois in 1857. From the beginning, Monmouth has admitted women students on equal terms with men and thus is a pioneer in advanced education for women.

During its first 100 years of existence, Monmouth College had five presidents: Dr. David A. Wallace, Dr. Jackson Burgess McMichael, Dr. S. R. Lyons, Dr. Thomas Hanna McMichael and Dr. James Harper Grier. Dr. Grier retired in 1952 and was succeeded by Monmouth's current president, Dr. Robert Wesson Gibson.

Control

Governing body of the college is the board of directors, composed of 40 directors elected to office by the Illinois Synod of the United Presbyterian Church, U. S. A. and the Monmouth College Alumni Association.

Accreditation

Monmouth College is accredited by the North Central Association and the American Chemical Society.

Membership

Monmouth College is an institutional member of the American Alumni Council, American Association of Colleges in Teacher Education, American Association of University Women, Associated Colleges of the Midwest, American Council on Education, American College Public Relations Association, Associated Colleges of Illinois, Association of American Colleges, Association of American Universities, Illinois Association for Teacher Education in Private Colleges, Midwest Athletic Conference, and Presbyterian College Union.

Associated Colleges of the Midwest

Monmouth is a member of the Associated Colleges of the Midwest, an organization of 10 coeducational liberal arts colleges in Iowa, Illinois, Minnesota and Wisconsin. These independent colleges, of similar size, organization and purpose, work together in various undertakings, curricular and extra-curricular, to increase educational effectiveness and operating efficiency. Continuing projects include the Argonne National Laboratory program, Language Instruction program and Insurance program. Member ACM colleges are Monmouth, Beloit, Carleton, Coe, Cornell, Grinnell, Knox, Lawrence, Ripon and St. Olaf.

Midwest Athletic Conference

Monmouth is a member of the Midwest Athletic Conference, which carries on intercollegiate competition at the varsity and freshman level. Member schools are the 10 Associated Colleges of the Midwest listed above. Con-

petition is held in football, basketball, track, swimming, golf, tennis, baseball, cross-country and wrestling. There are no intercollegiate athletics for women, except for occasional invitational tournaments and sports days. Extensive intramural competition is scheduled for both men and women in a program conducted by the Physical Educational department.

Academic Buildings

Wallace Hall, central classroom building, built in 1909; J. B. McMichael Science Hall, lecture rooms and laboratories, 1910; Auditorium; Administration Building; Austin Hall, music classrooms and practice rooms; Art Center, classrooms, studios and art library; Student Center, dining hall, lounge, snack bar, post office, bookstore, conference rooms, student offices, music and recreation rooms; Woodbine, teacher preparation materials center, seminar rooms, faculty offices.

Residence Halls

T. H. McMichael Hall, women's residence hall, built in 1915; James Harper Grier Hall, women's residence hall, 1940; Alice B. Winbigler Hall, women's residence hall, 1945; Honors House, residence for senior women; The Manor, home of the president; Fulton Hall, men's residence hall, 1950; Graham Hall, men's residence hall, 1960, French Language House, for upperclass French language students.

Fraternity Houses

Provide room and board for members: Alpha Tau Omega, Tau Kappa Epsilon, Sigma Alpha Epsilon, Sigma Phi Epsilon, and Theta Chi fraternities.

Sorority Chapter Rooms

Housed in Marshall Hall for: Alpha Xi Delta, Kappa Delta, Kappa Kappa Gamma, Pi Beta Phi sororities.

Athletic Facilities

Waid Gymnasium, constructed in 1925, houses basketball court, swimming pool, indoor track, rifle range, handball courts, locker-room and shower facilities, faculty offices. Adjacent to the gymnasium is the athletic field and stadium with facilities for baseball, football, track, archery and tennis.

Laboratories

Biology, chemistry, geology, and physics.

Carnegie Library

Built in 1930, houses more than 85,000 volumes. Departmental libraries, slide, record and photograph libraries, microcard and film readers, film strips, Martin Oriental Collection, cooperative work with Warren County Public Library.

Location

The 30-acre campus is located in the eastern section of Monmouth, Illinois, a city of 11,000 in Western Illinois. The city is 180 miles southwest of Chicago and is the county seat of Warren County.

Transportation

Monmouth is on the main line of the Chicago, Burlington and Quincy railroad and is also served by two bus lines. Air travel facilities are 10 miles from the campus and U. S. Highways 34 and 67 intersect in the heart of the city.

Health, Counseling and Placement Services

The Monmouth College student health service operates an infirmary, under the supervision of two registered nurses, which provides hospitalization for minor disabilities. The services of the two college physicians are available at the dispensary, which is open to all students for minor illnesses and emergency treatment. Coupled with this is a student insurance plan, the cost of which is borne completely by the college. This provides year-round coverage, both on and off the campus, for physician's services, hospital services and board and room, X-rays and laboratory tests, dental and medical care and surgery necessitated by injury or illness. Special coverage includes treatment for Polio. A fully-accredited community hospital located two blocks from the campus is also available for hospitalization and out-patient care.

Counseling services begin with comprehensive testing and interviewing during Orientation week. Following this, students choose a faculty adviser who assists in selecting a program of courses and advises the student on any other problems. In addition to the faculty adviser, the counsel of all staff members, including the deans and the college chaplain, is available to all students.

Monmouth's office of student aid and placement assists both students and alumni in obtaining employment. The college placement bureau maintains a career library and arranges interviews with company personnel representatives and Monmouth students. The office also administers part-time campus employment, upper-class scholarships, grants-in-aid and student loans.

CAMPUS LIFE

Social. In addition to the all-college social programs directed by the student council, other campus activities are sponsored by the 23 special interest clubs, 15 honorary organizations, seven service groups and 11 social groups. The social groups include five national fraternities, four national sororities and independent student associations for men and women. The new student center, constructed in 1963, is the hub of campus social life. It offers dining facilities, conference rooms, a snack bar and lounge, game room, music room, postoffice, bookstore, bowling alleys, dance room and offices for student groups.

Student Government. Because enrollment at the college is limited to about 950, a proportionately large number of students have an opportunity to develop leadership qualities in the many campus organizations. Various governing groups include the student council, student-faculty committee, committee on student affairs, student center committee, Association of Women Students, interfraternity council, Panhellenic Council and class officers.

Honorary Societies. A limited number of junior and senior students earn membership in the campus scholastic fraternity, Sigma Omicron Mu, and receive honors at the Honors Convocations held three times yearly. Other honorary scholastic fraternities are Alpha Lambda Delta, for freshmen women, and Phi Eta Mu, for freshmen men. Honorary fraternities

also recognize excellence in the fields of English, biology, history, forensics, Spanish, social science, classics, music, campus leadership and service.

Special Interest Groups. Departmental special interest groups meet regularly to discuss and put into practice the theories they learn in the classroom. These include clubs for chemistry, music, history, dramatics, forensics, international relations, dance, physical education, politics, pre-law, religion, rifle, sociology, Spanish and athletics.

Student Publications and Radio Station. Students gain practical experience in writing, editing, reporting, advertising, layout, printing and broadcasting through work on the Oracle, campus weekly newspaper; Ravelings, student yearbook; Piper, literary annual; and WFS, campus radio station.

Athletics. All students may participate in the college's diversified intramural and intercollegiate athletic program. At the intercollegiate level, Monmouth competes in nine varsity sports as a member of the Midwest Collegiate Athletic Conference.

Confrontation Outside the Classroom. A program of "confrontation outside the classroom," designed to relate classroom studies to current topics and practices, includes the concert-lecture series, student-faculty colloquia, student convocations and chapels, visiting lecturers and performers, Sunday evening discussions, biennial Liberal Arts Festival and placing of books and periodicals in the residence halls.

A partial list of campus guests during the 1962-63 academic year:

Dr. Russell Kirk, conservative author and columnist

Dr. Ralph Lord Roy, author and minister

Miss Mae Miller, poetess

Dr. Eliseo Vivas, philosopher, Northwestern University

Prof. John R. Lee, Director of M.A. teaching program, Northwestern University

Melvin Mason, Dean, Cuttington College, Liberia

Dr. Hobart Mowrer, psychologist, University of Illinois

Dr. Donald Miller, President, Pittsburgh Seminary

Dr. Pressley J. McCoy, Associate Director, Danforth Foundation

Dr. Martin Marty, Associate Editor, Christian Century magazine

Sander Vanocur, NBC White House correspondent

Dr. David B. Stewart, geologist, U. S. Geological Survey

Dr. Drury W. Wall, mathematician, State University of Iowa

Clifford Hood, former president, U. S. Steel Corp.

U. S. Sen. Paul H. Douglas (D-Ill.)

Walter Wojtly, artist, New York, N. Y.

Little Orchestra of New York

Dr. E. R. Latty, Dean of the Law School, Duke University

Bradshaw Mintener, Peace Corps official

W. Clement Stone, President, Combined Insurance Company of America

Dr. Eugene Carson Blake, Stated Clerk, United Presbyterian Church, USA

Dr. K. Arnold Nakajima, Eastern Area Director, Campus Christian Life,

United Presbyterian Church, USA

Dr. Vera Micheles Dean, author and international relations authority

Dr. Won Kyung Cho, Korean dancer

Dr. Felix Greene, journalist and author

Dr. Milton J. Allen, scientist, Melpar, Inc.

Dr. Richard Gard, Buddhist scholar, Yale University

Dr. Henry Cowell, musicologist and composer, Columbia University

AUTOMOBILES

Monmouth College students (except freshmen) are permitted to maintain and operate automobiles in accordance with regulations which are administered by a committee composed of the personnel deans. A detailed list of regulations governing use of automobiles is published in the *Scots Guide*.

REGULATIONS

The college expects its students to conduct themselves as responsible members of a Christian community. Those who persistently refuse to conform to the spirit and regulations of the institution will not be permitted to remain in college.

Monmouth College opposes drinking, gambling, and hazing in all forms. The use or possession of alcoholic beverages on or off campus is not permitted by the college.

Complete rules governing registration, attendance, conduct, probation, and use of automobiles will be published in the *Scots Guide* which is distributed at the beginning of the school year.

SCHOLARSHIPS, PRIZES, AND ENDOWMENTS

ENDOWED SCHOLARSHIPS

1. The Addleman Scholarship
2. The Dr. and Mrs. J. A. Barnes Scholarship
3. The Sarah Holmes Bigger Scholarship
4. The Biggsville Scholarship
5. The Bohart Scholarship
6. The N. H. and Isabelle Brown Scholarship
7. The George H. Brush Scholarship
8. The J. Boyd Campbell Scholarships
9. Special Anniversary Scholarship, Mrs. Jennie Logue Campbell
10. The Hattie Boyd Campbell Scholarship
11. The Josephine Carnahan Scholarship
12. The John Carothers Scholarships
13. The Class of 1901 Scholarship
14. The Crimson Masque Scholarship
15. The C. G. Denison-William M. Story Scholarship
16. The John S. and Mary Louise Diffenbaugh Scholarship
17. The Lois Diffenbaugh Scholarship
18. The Thomas McBride Bysart Scholarship
19. The Elder Ministerial and Christian Work Scholarship
20. The Bella B. Elliott Scholarship
21. The Elmira Scholarship
22. The John Q. Findley Scholarship
23. The First Washington Scholarship
24. The Founders Scholarship
25. The Frew Scholarships
26. The John Bunyan Galloway Scholarship
27. The Garrity Scholarship
28. The Gibson Scholarship
29. Special Anniversary Scholarship, Professor Russell Graham
30. The Ellen Denman Green and John Walker Green Scholarship
31. The John Charles Hanna Scholarship
32. The Hanover Scholarship
33. The Harmony Memorial Scholarship
34. The Nettie Firoved Herdman Scholarship
35. The Janet Shaw Hayes Scholarship
36. The Mabel Hinmann Scholarship
37. The Hume Scholarship
38. The Andrew Johnston Scholarship

39. The Johnston Scholarship
40. The Elizabeth M. Keller Scholarship
41. The Emma Brownlee Kilgore Scholarship
42. The Mrs. Mary Elizabeth Kilpatrick Scholarship
43. The Jane Kinkaid Scholarship
44. The Mattie Kinkaid Scholarship
45. The John Barnes Kritzer Scholarship
46. The Lafferty Scholarships
47. The Margaret Lord Music Scholarship
48. The Olive J. Lowry Scholarship
49. The M. M. Maynard Memorial Scholarship
50. The Kathryn Arbella McCaughan Scholarship
51. The Mary Cooke McConnell Memorial Scholarship
52. The Homer McKay Scholarship
53. Special Anniversary Scholarship, Mrs. Minnie McDill McMichael
54. The Nash Scholarships
55. The Mildred Steele Nearing Scholarships
56. The Norwood Scholarship
57. The LaVerne Noyes Scholarship
58. The Adam Oliver Scholarship
59. The Robert Y. Park Scholarship
60. The Luella Olive Parshall Scholarship
61. The Margaret Pollack Scholarship
62. The Margaret White Potter Memorial Scholarship
63. The Prugh Scholarship
64. The Luther Emerson Robinson Scholarship
65. The Prudence Margaret Schenk Scholarship
66. The Marion B. Sexton Scholarship
67. The Shields Scholarships
68. The Smith Hamill Scholarship
69. The Somonauk Scholarship
70. The Spring Hill Scholarship
71. The St. Clair Scholarship
72. The Stronghurst Scholarship
73. The Nannie J. J. Taylor Scholarship
74. The J. B. Taylor Scholarship
75. The Esther M. Thompson Scholarship Fund
76. The Martha Thompson Scholarships
77. The Henry A. Todd Scholarship
78. The J. L. Van Gundy Scholarship
79. The Adaline Wilkin Waddell Scholarship
80. The Martha Wallace Scholarship
81. The J. F. Watson Scholarship
82. The White Scholarship
83. The Eli B. and Harriet B. Williams Fund
84. The Woods Scholarships

85. The Margaret N. Wordon Scholarship
86. The Margaret N. Wordon Scholarship
87. The John Wright Scholarship
88. The Xenia Scholarship
89. The Frank M. Carnahan Music Scholarship

MONMOUTH COMMUNITY AWARDS

Axline Drug Stores Award
Exchange Club Award
Ford Hopkins Award
Formfit Award
Jessie McMillan Whiteman Award
Little York Award
Lions Club Award
Monmouth Savings and Loan Association Award
Monmouth Trust and Savings Award
National Bank of Monmouth Award
Park 'N Eat Restaurant Award
Turnbull Award
Wirtz Book Company Award

SPECIAL SCHOLARSHIPS

The Women's General Missionary Society of the United Presbyterian
Church Scholarship
The Synodical Scholarships
The McCullough Scholarship
The "M" Club Scholarship
The Graduate "M" Club Scholarship
The Peg Stonerook Brinker Scholarship
The Moore Scholarship
The Robert Ludwigsen Memorial Award

PRIZES AND AWARDS

Among the awards offered each year for excellence in various lines of activity are the following:

The Waid Prizes. Six prizes are offered for biographical reading as a means of cultivating interest in biography among college students. Three prizes of \$25.00, \$15.00 and \$10.00 are offered to freshmen. Three similar prizes are available to members of the three upper classes. These prizes were endowed by Dan Everett Waid '87.

Forensic Emblem. This medal is presented by the College and the Forensic League to those who have represented the college in inter-collegiate debate or oratory.

Mary Porter Phelps Prize. A prize of \$50.00 is awarded each year to the student who, in the judgment of the faculty, has manifested superiority in three points: scholarship, thrift and economy, and the development of character. Only those who have completed at least two years' work in Monmouth College are eligible for this prize.

The William B. McKinley Prizes in English. In 1925 Senator William B. McKinley of Illinois, endowed two prizes of \$50.00 each to encourage individual study and research in advanced work in English. The prizes are awarded each year to students who offer the best theses upon specially designed subjects.

Sigma Tau Delta Freshman Prizes. Rho Alpha Chapter of Sigma Tau Delta offers each year three prizes on Commencement Day to the freshmen writing the best compositions in verse or prose. Entries must be prepared especially for this contest.

Dan Everett and Eva Clark Waid Prize. This prize of \$100.00 is endowed by Mr. and Mrs. Waid of New York, and is awarded by the faculty on the basis of all-around excellence and development.

The Blair Award, provided by Dr. and Mrs. Charles P. Blair, for a student who is interested in the field of Latin.

The Bernice L. Fox Latin Prize. This \$200.00 annual award, given by an anonymous donor, is made to a Latin student "whose progress is worthy of recognition." Miss Fox, associate professor of classical languages, will select recipients of the award.

The Lulu Johnson McCoy Prizes, endowed by her husband, J. Clyde McCoy, and consisting of two prizes of \$50 and \$25 to be awarded each year to students of outstanding quality who are majoring in music.

LIBRARY ENDOWMENTS

1. The John A. and Margaret J. Elliott Library of Religious Education.
2. The John Lawrence Teare Memorial Library Fund
3. The Kappa Kappa Gamma Memorial Fund.

BUSINESS OFFICE ENDOWMENTS

The Addleman Fund.

ENDOWED PROFESSORSHIPS

1. Pressly Professorship of Natural Science, endowed by W. P. Pressly of Illinois in 1886.
2. Alumni Professorship of Philosophy, endowed by alumni of the college in 1881.
3. John Young Chair of Bible, endowed by the United Presbyterian Board of Education.

KILLOUGH LECTURE FUND

Endowed by the Hon. W. W. Stetson of Auburn, Maine, to bring speakers to the college campus.

MEMORIAL FUNDS

Current memorial funds honoring former students and faculty-members include those for John Acheson, Dr. Hugh R. Beveridge, Harold Blair, Dean J. S. Cleland, Eleanor Gaddis Davidson, Donald Ralph Douglass, Mrs. E. A. Fetherstone, A. Y. Graham, Susan Harr, Paul Lohner, Robert Ludwigsen, Clyde E. Matson, Marie Meloy, David Brainerd Moore, Dr. C. A. Owen, Richard V. Owen, M.D.; Edna Browning Riggs, Henry Smith, Dr. Hugh B. Speer, T. Eleanor Wright. Others are the Ahlenius, Hawes, Leonard, Matchett and Soule memorial funds.

COMMENCEMENT HONORS AND DEGREES CONFERRED

HONORARY DEGREES

June 5, 1961

DOCTOR OF DIVINITY

Rev. C. Roy Harper
Rev. J. Dwight Russell

DOCTOR OF SCIENCE

Frank M. McMillan

DOCTOR OF PEDAGOGY

Ralph Waldo Lloyd

GRADUATING CLASS

Bachelor of Arts

HONORS SUMMA CUM LAUDE

Nelson Thomas Potter, Jr.

HONORS MAGNA CUM LAUDE

Thomas Harold Feiertag	Timothy G. Lee
Robert Ross Gillogly	Robert Hicks Feiertag
	Barbara Jane Ditch

HONORS CUM LAUDE

Terry Eugene Carrell	Linda Sue Perrine
Roger Allen Boekenhauer	Lynn Orwig McKeown
Pamela Jeanne Grimm	Ronald Edwin Noton

Bonzelle Berenice Ahlenius
Max Eugene Akerman
Warren John Allen
Amy Frances Amsbury
Gerner Anderson
Paul Hilding Arnstrom
Scott Atherton
Joseph A. Babinsky
Carol Charlene Baldwin
Robert Tryon Berendt
Harry Ray Billups
Richard Lowell Bivens
Lila Ellen Keleher Blum
Thomas William Bollman
Carl Anders Borine
Margaret Claire Bozarth
Donald Drake Brannan
Mary Love Brown
Paul Lewis Brown

Neal Robert Bullington
C. Marvin Burke
James Reid Calhoun
Thomas Martin Calhoun
Donald Wayne Chamberlin
Barbara Sue Clark
Egbert Edward Clark, Jr.
Richard Hale Coe
Barbara Jean Coleman
Janet Elizabeth Connelly
Joan Carole Conner
David Robert Couch
Kenneth Arthur Cox
Richard William Crockett
Karen Louise Domer
Richard Alden Dorn
Rosalie Faye Easdale
Darrell Willis Edson
Paul Robert Ellefsen

Donald Elliott
 Don Eugene Filbrun
 Robert L. Fleming
 Paul Stevenson Ford
 Elaine Laurie Gately
 James Lyle Gibson
 Carl William Goff
 Lesley Glennis Griffin
 David Allen Grummitt
 Ancil Robert Guilinger
 Claire Raymond Hagg
 Wilbert Eugene Hare, Jr.
 Anne Eckley Haynes
 Gloria Ann Heaton
 Jane Elizabeth Hill
 James Charles Hornaday
 Dennis Lee Hoy
 James Bruce Hughbanks
 Susan Dorothy Hunt
 Ronald S. Ihrig
 Gary Lane Johnson
 Robert Dennis Jornlin
 Jean Oesterle Kelly
 Ronald Lee Kenney
 Linda Lee Killey
 Gaylan Whitley King
 James Robert Klusendorf
 Robert Dean Kniss
 John Edson Kofoed
 Lance James Kohn
 Doris Eileen Kuehn
 Dennis John Lachel
 Charles R. Landstrom
 Gary Lee Larson
 Robert Karyl Larson
 Orville Dale Liesman
 Vira Lukasz
 Ronald Theodore Lundal
 Judith Ann Maclean
 Mary Jayne Rezner Manlove
 Mary Margaret Mason
 Shirley Katharine Matchett
 Susan Ann Mathews
 Thomas Fisher Matthews
 Frederic Harry McDavitt
 Ellin McDougall
 Lynn Annette McGaan
 Clair F. McRoberts, Jr.
 Gilbert Kent Meloy

William Ward Merry
 Ronald Ralph Milnes
 Richard Wesley Montgomery
 Paul Kenneth Moye
 Allen Stado Munneke
 Kendall Edward Munson
 Naomoto Nabeshima
 Beverly Jean Nelson
 Lucille Schelling Owen
 Gerald Anthony Parsons
 Robert Floyd Patterson, Jr.
 Loretta Jane Pawley
 Elizabeth A. Petefish
 John William Phillips
 Charles Glen Pogue
 Suzanne Prescott
 Louis Lester Pronga
 Kenneth Allen Rager
 John Wayne Reasner
 Karin Luise Richter
 Dennis O'Donnell Rineberg
 Sarah Margaret Roehm
 Henry Rogers, Jr.
 Norma Sheets Rosenbalm
 Carole Jean Rowland
 Robert L. Singer
 Debra Dorothy Sippel
 Gladys Marie Slebos
 Dwight Elza Smith
 Linda Soliday
 Charles George Stewart
 Lynda Mae Stewart
 Joyce M. Biddle Switzer
 Sandor Laszlo Szatmari
 Donald John Thompson
 George William Thoresen
 Richard Lee Tornquist
 James Dean Van Horn, Jr.
 Peter Dorian Vecchi
 Carolyn Hull Wallem
 Richard David Wallem
 Paul Lawrence White
 Stanley Allen Wilson
 Janet Lee Wissmiller
 Barbara Jean Woll
 Christine E. Work
 Larry Lealan Yeoman
 Gordon Kay Young

	MEN	WOMEN	TOTAL
Number of Bachelor's Degrees conferred	97	50	147
Bachelor's Degrees conferred to date	2770	2353	5123

COMMENCEMENT HONORS AND DEGREES CONFERRED

HONORARY DEGREES

June 4, 1962

DOCTOR OF DIVINITY

Thom Hunter

DOCTOR OF LAWS

Philip H. Coombs

DOCTOR OF HUMANITIES

Stanley F. Musial

DOCTOR OF SCIENCE

H. Stanley Bennett

Norman Hilberry

DOCTOR OF LETTERS

David Dodds Henry

GRADUATING CLASS

Bachelor of Arts

HONORS SUMMA CUM LAUDE

Philip Alan Muntzel

Jean Elizabeth Grove

HONORS MAGNA CUM LAUDE

Donald Loren Stevenson

John Davison Hostettler

Dennis Merritt Faust

HONORS CUM LAUDE

Karen Lynn Nelson

Jerome Bruce Heath

Carol Ann Davis

Donald Carl Thorstenson

Jean Elizabeth Johnson

Karl Emerson Cook

Judith Mary Lips

Mervyn Heimo Loya

Gail Jeanette Buffo

Fred Anthony Aberlin

Frank Adam III

John Robert Allaman

Paul Clarence Amann

Carol Ann Anderson

Florence Ann Anderson

Neil Peter Anderson

Robert James Ardell

Marjorie Ann Armstrong

Aubrey Edward Bain, Jr.

Noreen Camile Batek

Robert Lee Best

Robert Lyle Boughan

Julia Ann Briggerman

Janet Davidson Brownlee

William Elmer Bruington

David Wallace Campbell

Larry Thomas Candor

Raymond Arthur Carlson

G. Deeks Carroll

Betty Jean Craft
 Thomas Scott Davis
 Jon Lowell Deen
 Richard Loren DeForest
 William Lee DeGroot
 Sandra Scott Downs
 Mary Jane Dunstan
 Robert Eugene Effland
 Ardith Marie Elliott
 Howard Anton Ferguson
 Colleen Yvonne Fisher
 Stephen R. Flanagan
 Sandra Kay Foreman
 Tamara Wilson Frazier
 Elizabeth Bonnie Galloway
 Nancy Ann Glenn
 Alice Ann Goss
 George Gary Gould
 Jerry Leroy Greer
 Larry Lee Greer
 Nancy Christine Guilinger
 Jean Jeanette Hallenbeck
 Karen Allene Harr
 Robert Alan Heath
 Frank F. Herhold, Jr.
 Willis McCracken Hubbard
 Edwin Preston Hunt
 William Travis Irelan
 Wesley Allen Jaeger
 David Willard Jones
 Richard Evan Jones, Jr.
 Paul Douglas Kempin
 Lloyd Wesley Kinzer
 Kenneth Howard Knox
 Sara Marjorie Knox
 Gerald Lee Kohn
 John Martin Kriegsman
 Robert Lee Langley
 David J. Walter Lauridsen
 Sonja Brown Lauridsen
 Phyllis Elaine Loy
 Larry Glen Manning
 Glenn R. Markle, Jr.
 Patricia Lois McClinton
 Harold Naylor McDaniel
 Patricia Jo McMahon
 Rodney James McQueen
 Jerold Ray Mell

Leslie David Montgomery
 Laurence John Moore
 Marjabelle Pearl Moore
 James Olin Morris
 Virginia Smith Newcomer
 Susan Patricia Nickel
 Lynwood Terry Oggel
 Charlotte Irene Olson
 Lelia Melton Olson
 Shirley Christine Olsson
 Joseph Paul Orednick
 Daniel Nelson Pannabecker
 Terry Ralph Park
 Wayne Franklin Parker
 Janet Carol Pearson
 Robert William Pierce
 H. Lee Pultz
 Ronnie William Raih
 Dorothy Leone Ramp
 Judith Anne Randall
 Sally Ann Reed
 Barbara Anne Richmond
 Evelyn Marita Riggs
 Jane Elizabeth Robb
 Richard Bruce Rossen
 Joan Rothaus
 David Harry Russell
 Joellen Russell
 Carl K. Schmidt III
 Melinda Grace Schneider
 Charol Dee Schwieder
 Oliver David Smith
 Stephen Sheffer Smith
 David Lewis Spears
 Bruce Terry Stavenhagen
 William Curtis Strube
 Audrey Jean Tenhaeff
 Linda Nell Thornberg
 Frederick Wackerle
 Charles Thomas Weeks
 Guy Franklin Welch
 Edna Margaret Wells
 Warren Bennett Werner
 Marvin Duane Wherry
 John William Whipple
 Larry James Williams
 Harry Arthur Young

	MEN	WOMEN	TOTAL
Number of Bachelor's Degrees conferred.....	79	50	129
Bachelor's Degrees conferred to date	2849	2403	5252

GEOGRAPHICAL ENUMERATION OF THE COLLEGE

	1960-1961	1961-1962	1962-1963
1. Argentina	0	1	0
2. Arkansas	0	2	1
3. California	7	7	7
4. Colorado	10	11	10
5. Colombia, S. A.	1	0	0
6. Connecticut	7	7	9
7. Costa Rica	0	2	1
8. District of Columbia	1	1	0
9. Egypt	1	1	1
10. Florida	0	1	4
11. Formosa	1	0	0
12. Georgia	0	0	1
13. Germany	1	0	0
14. Hungary	1	0	0
15. Illinois	637	606	644
16. India	1	1	1
17. Indiana	5	4	3
18. Indonesia	0	1	1
19. Iowa	37	35	32
20. Iran	0	0	1
21. Italy	1	1	0
22. Japan	1	0	1
23. Kansas	9	8	7
24. Kentucky	1	1	1
25. Kenya	0	0	1
26. Maine	1	0	0
27. Maryland	1	3	3
28. Massachusetts	7	9	11
29. Mexico	1	0	0
30. Michigan	3	11	7
31. Minnesota	6	8	8
32. Missouri	18	18	19
33. Nebraska	3	3	3
34. Netherlands	0	1	0
35. New Jersey	16	26	27
36. New York	39	57	60
37. North Dakota	0	0	1
38. Northern Rhodesia	0	1	0
39. Ohio	14	16	8
40. Oregon	1	0	0
41. Pennsylvania	29	33	31
42. Rhode Island	1	2	3
43. South Dakota	0	0	1
44. Spain	0	0	1
45. Texas	1	1	0
46. Virginia	2	4	5
47. West Virginia	1	1	0
48. Wisconsin	12	8	9
Total	878	892	923

HONORARY DEGREES CONFERRED

May 7, 1961

LIBERAL ARTS FESTIVAL

DOCTOR OF DIVINITY

James Hastings Nichols

DOCTOR OF SCIENCE

Charles Smiley

DOCTOR OF LAWS

Seymour Harris
John Wild

SUMMARY OF ENROLLMENT

1961-1962

	MEN	WOMEN	TOTAL
Seniors	39	34	73
Juniors	120	73	193
Sophomores	162	92	254
Freshmen	215	118	333
Specials	5	34	39
	<hr/>	<hr/>	<hr/>
Total	541	351	892
Summer Session 1961	61	85	146

1962-1963

	MEN	WOMEN	TOTAL
Seniors	45	50	95
Juniors	169	90	259
Sophomores	147	96	243
Freshmen	197	113	310
Specials	5	11	16
	<hr/>	<hr/>	<hr/>
Total	563	360	923
Summer Session 1962	65	216	281

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COLLEGE CALENDAR

1963-64

1963

- Sept. 18 — WednesdayFaculty Conference
Sept. 19 — ThursdayFaculty Conference
Sept. 21 — SaturdayDormitories open to new students. All new students must report by 5:00 p. m.
Sept. 22 — SundayOrientation
Sept. 23 — MondayOrientation
Sept. 24 — TuesdayOrientation
Freshman registration and payment of accounts
Sept. 25 — WednesdayUpperclass registration and payment of accounts
Sept. 26 — ThursdayFirst term classes begin (8:00 a. m.)
Oct. 12 — SaturdayHomecoming (Holiday)
Nov. 2 — SaturdayParents' Day
Nov. 27 — WednesdayThanksgiving recess begins (12 noon)
Dec. 2 — MondayCollege Reopens (8:00 a. m.)
Dec. 11 — WednesdayFirst term classes end (5:00 p. m.)
Dec. 12 — ThursdayReading period
Dec. 13 — FridayFirst term examinations begin
Dec. 17 — TuesdayFirst term examinations end (5:00 p. m.)

1964

- Jan. 6 — MondaySecond term classes begin (8:00 a. m.)
Mar. 13 — FridaySecond term classes end (5:00 p. m.)
Mar. 14 — SaturdayReading period
Mar. 16 — MondaySecond term examinations begin
Mar. 19 — ThursdaySecond term examinations end (5:00 p. m.)
Mar. 30 — MondayThird term classes begin (8:00 a. m.)
June 5 — FridayThird term classes end (5:00 p. m.)
June 6 — SaturdayReading period
June 8 — MondayThird term examinations begin
June 11 — ThursdayThird term examinations end (5:00 p. m.)
June 13 — SaturdayAlumni Day
June 14 — SundayBaccalaureate
June 15 — MondayCommencement

COLLEGE CALENDAR

1964-65

1964

First Term

- Sept. 16 and 17 Faculty Conference
Wednesday and Thursday
- Sept. 19 — Saturday Dormitories open to new students. All new students must report by 5:00 p.m.
- Sept. 20-22 — Sun.-Tues. . . Orientation program for freshman and other new students
- Sept. 22 — Tuesday p.m. . . Freshman registration and payment of accounts
- Sept. 23 — Wed. a.m. Upperclass registration and payment of accounts and freshman course changes
p.m. Upperclass registration and course changes
- Sept. 24 — Thursday All first term classes meet
- Sept. 29 — Tuesday Opening convocation — Honors Convocation
- Oct. 24 — Saturday Homecoming (Holiday)
- Nov. 7 — Saturday Parents' Day
- Nov. 25 — Wednesday Thanksgiving Recess begins (12 noon)
- Nov. 30 — Monday Thanksgiving Recess ends (8:00 a.m.)
- Dec. 9 — Wednesday First term classes end
- Dec. 10 — Thursday Reading period
- Dec. 11 — Friday First term exams begin
- Dec. 15 — Tuesday First term exams end

1965

Second Term

- Jan. 4 — Monday Second term classes begin (8:00 a.m.)
- Jan. 7 — Tuesday Honors Convocation
- Mar. 12 — Friday Second term classes end (5:00 p.m.)
- Mar. 13 — Saturday Reading period
- Mar. 15 — Monday Second term exams begin
- Mar. 18 — Thursday Second term exams end

1965

Third Term

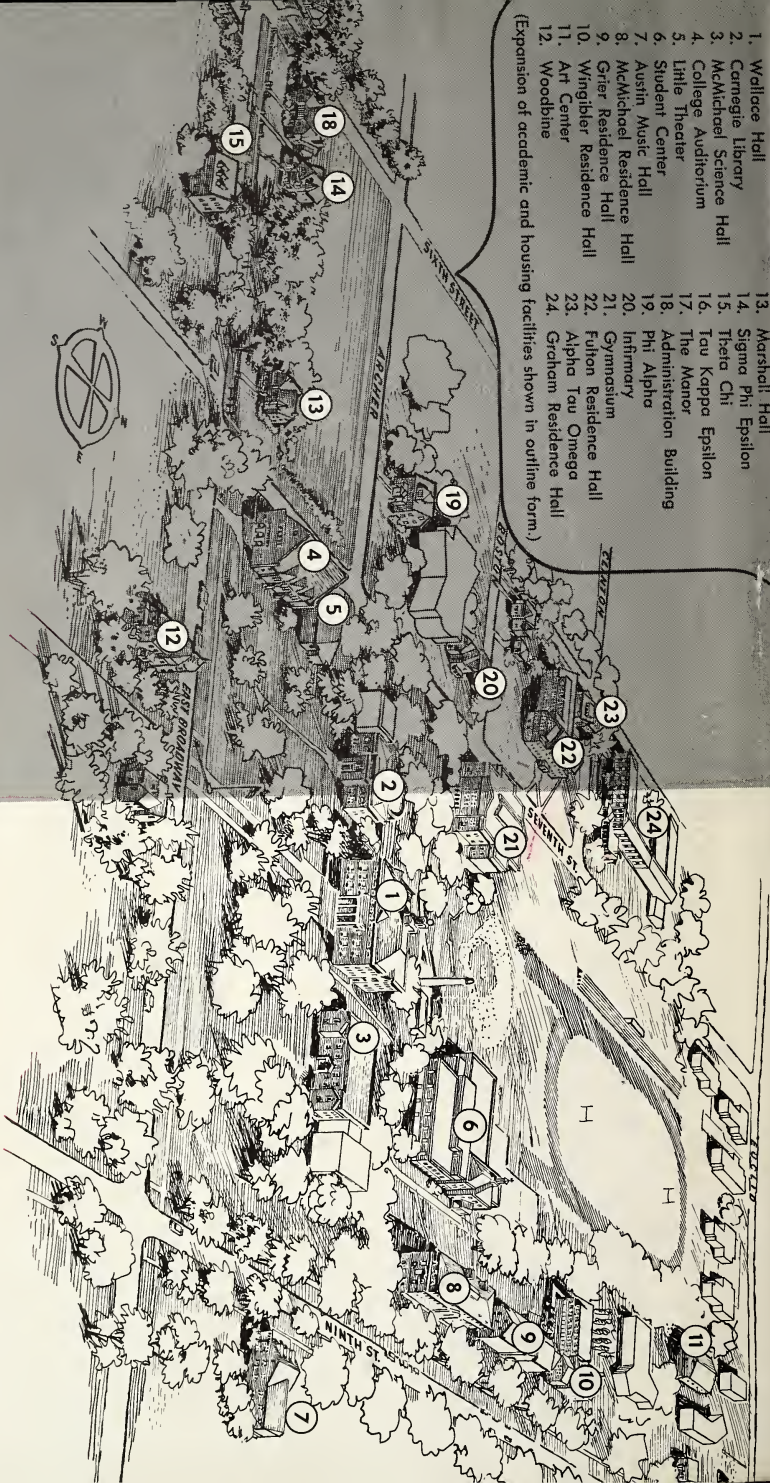
- Mar. 29 — Monday Third term classes begin (8:00 a.m.)
- April 13 — Tuesday Honors Convocation
- June 4 — Friday Third term classes end
- June 5 — Saturday Reading period
- June 7 — Monday Third term exams begin
- June 10 — Thursday Third term exams end
- June 12 — Saturday Alumni Day
- June 13 — Sunday Baccalaureate
- June 14 — Monday Commencement

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

LEGEND

1. Wallace Hall
2. Carnegie Library
3. McMichael Science Hall
4. College Auditorium
5. Little Theater
6. Student Center
7. Austin Music Hall
8. McMichael Residence Hall
9. Grier Residence Hall
10. Wingerler Residence Hall
11. Art Center
12. Woodbine
13. Marshall Hall
14. Sigma Phi Epsilon
15. Theta Chi
16. Tau Kappa Epsilon
17. The Manor
18. Administration Building
19. Phi Alpha
20. Infirmary
21. Gymnasium
22. Fulton Residence Hall
23. Alpha Tau Omega Hall
24. Graham Residence Hall

(Expansion of academic and housing facilities shown in outline form.)



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